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THE
IMPORTERS' GUIDE,
A
HANDBOOK
OF
ADVANCES ON STERLING COSTS,
IN
DECIMAL CURRENCY,
FROM
ONE PENNY TO ONE THOUSAND POUNDS,
WITH A
FLANNEL TABLE,
FROM
TWENTY TO ONE HUNDRED SHILLINGS,
PER PIECE OF FORTY-SIX YARDS.

~~~~~  
BY R. CAMPBELL AND J. W. LITTLE.  
~~~~~

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INTRODUCTORY NOTE.

The Authors of the present work have frequently heard a wish expressed for a more complete set of **ADVANCE TABLES** than any hitherto published in this country. To meet that want the following **TABLES** have been prepared, and are now offered to the Mercantile Public, in the belief that they will be found, not only more comprehensive, but also more accurate and reliable than anything of a similar kind in use. A glance at a page will show the arrangement of the work. The top line contains the rates per **CENT**, and the left hand column the prices or sterling costs.

The **FLANNEL TABLE** will be found a new, and it is hoped, a valuable feature in a work of this kind.

It may be proper to state that repetend decimals and others, where they exceed the five thousandth of a cent, are expressed as a one hundredth part, for example, 60 per cent on a penny is 0,026666, expressed 0,02⁶⁷, 80 per cent on the same amount is 0,02999, expressed 0,03. The computations have been made with the greatest care, and the method adopted in checking the proof-sheets has been such as almost to preclude the possibility of typographical errors occurring.

ADVANCE TABLES

ON

STERLING COSTS,

FROM

One Penny to One Thousand Pounds.

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
	1	⁵⁴ 0.02	⁵⁸ 0.02	⁶² 0.02	⁶⁷ 0.02	⁷¹ 0.02	⁷⁵ 0.02
	1½	⁸⁶ 0.02	⁹¹ 0.02	⁹⁵ 0.02	¹⁰⁰ 0.03	¹⁰⁵ 0.03	¹⁰⁹ 0.03
	1¼	¹⁸ 0.03	²³ 0.03	²⁸ 0.03	³³ 0.03	³⁹ 0.03	⁴⁴ 0.03
	1¾	⁵⁰ 0.03	⁵⁵ 0.03	⁶¹ 0.03	⁶⁷ 0.03	⁷² 0.03	⁷⁸ 0.03
	1½	⁸¹ 0.03	⁸⁷ 0.03	⁹⁴ 0.03	¹⁰⁰ 0.04	¹⁰⁶ 0.04	¹¹² 0.04
	1⅝	¹³ 0.04	²⁰ 0.04	²⁷ 0.04	³³ 0.04	⁴⁰ 0.04	⁴⁷ 0.04
	1¾	⁴⁵ 0.04	⁵² 0.04	⁵⁹ 0.04	⁶⁷ 0.04	⁷⁴ 0.04	⁸¹ 0.04
	1⅞	⁷⁷ 0.04	⁸⁴ 0.04	⁹² 0.04	¹⁰⁰ 0.05	¹⁰⁸ 0.05	¹¹⁶ 0.05
	2	⁰⁸ 0.05	¹⁷ 0.05	²⁵ 0.05	³³ 0.05	⁴² 0.05	⁵⁰ 0.05
	2½	⁴⁰ 0.05	⁴⁹ 0.05	⁵⁸ 0.05	⁶⁷ 0.05	⁷⁵ 0.05	⁸⁴ 0.05
	2¼	⁷² 0.05	⁸¹ 0.05	⁹¹ 0.05	¹⁰⁰ 0.06	¹⁰⁹ 0.06	¹¹⁹ 0.06
	2⅓	⁰⁴ 0.06	¹⁴ 0.06	²³ 0.06	³³ 0.06	⁴³ 0.06	⁵³ 0.06
	2½	³⁵ 0.06	⁴⁶ 0.06	⁵⁶ 0.06	⁶⁷ 0.06	⁷⁷ 0.06	⁸⁷ 0.06
	2⅝	⁶⁷ 0.06	⁷⁸ 0.06	⁸⁹ 0.06	¹⁰⁰ 0.07	¹¹¹ 0.07	¹²² 0.07
	2¾	⁹⁹ 0.06	¹⁰ 0.07	²² 0.07	³³ 0.07	⁴⁵ 0.07	⁵⁶ 0.07
	2⅞	⁸¹ 0.07	⁴³ 0.07	⁵⁵ 0.07	⁶⁷ 0.07	⁷⁹ 0.07	⁹¹ 0.07

ADVANCE TABLES.

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65	67½	70	72½	75	80	85	90	95
⁷⁵ 0.02	⁷⁰ 0.02	⁸³ 0.02	⁸⁷ 0.02	⁹² 0.02	⁰³ 0.03	⁰⁸ 0.03	¹⁷ 0.03	²⁵ 0.03
⁰⁹ 0.03	¹⁴ 0.03	¹⁹ 0.03	²³ 0.03	²⁸ 0.03	³⁷ 0.03	⁴⁷ 0.03	⁵⁶ 0.03	⁶⁶ 0.03
⁴⁴ 0.03	⁴⁹ 0.03	⁵⁴ 0.03	⁵⁹ 0.03	⁶⁵ 0.03	⁷⁵ 0.03	⁸⁵ 0.03	⁹⁰ 0.03	⁰⁶ 0.04
⁷⁸ 0.03	⁸⁴ 0.03	⁹⁰ 0.03	⁹⁵ 0.03	⁰¹ 0.04	¹² 0.04	²⁴ 0.04	³⁶ 0.04	⁴⁷ 0.04
¹² 0.04	¹⁹ 0.04	²⁵ 0.04	³¹ 0.04	³⁷ 0.04	⁵⁰ 0.04	⁶² 0.04	⁷⁵ 0.04	⁸⁷ 0.04
⁴⁷ 0.04	⁵⁴ 0.04	⁶⁰ 0.04	⁶⁷ 0.04	⁷⁴ 0.04	⁸⁷ 0.04	⁰¹ 0.05	¹⁵ 0.05	²⁸ 0.05
⁸¹ 0.04	⁸⁹ 0.04	⁹⁶ 0.04	⁰³ 0.05	¹⁰ 0.05	²⁵ 0.05	⁴⁰ 0.05	⁵⁴ 0.05	⁶⁹ 0.05
¹⁶ 0.05	²³ 0.05	³¹ 0.05	³⁹ 0.05	⁴⁷ 0.05	⁶² 0.05	⁷⁸ 0.05	⁹⁴ 0.05	⁰⁹ 0.06
⁵⁰ 0.05	⁵⁸ 0.05	⁶⁷ 0.05	⁷⁵ 0.05	⁸³ 0.05	⁰⁶ 0.06	¹⁷ 0.06	³⁸ 0.06	⁵⁰ 0.06
⁸⁴ 0.05	⁹³ 0.05	⁰² 0.06	¹¹ 0.06	²⁰ 0.06	³⁷ 0.06	⁵⁵ 0.06	⁷³ 0.06	⁹¹ 0.06
¹⁹ 0.06	²⁸ 0.06	³⁷ 0.06	⁴⁷ 0.06	⁵⁶ 0.06	⁷⁵ 0.06	⁹⁴ 0.06	¹² 0.07	³¹ 0.07
⁵³ 0.06	⁶³ 0.06	⁷³ 0.06	⁸³ 0.06	⁹³ 0.06	¹² 0.07	³² 0.07	⁵² 0.07	⁷¹ 0.07
⁸⁷ 0.06	⁹⁸ 0.06	⁰⁸ 0.07	¹⁹ 0.07	²⁹ 0.07	⁵⁰ 0.07	⁷¹ 0.07	⁹² 0.07	¹² 0.08
²² 0.07	³³ 0.07	⁴⁴ 0.07	⁵⁵ 0.07	⁶⁶ 0.07	⁸⁷ 0.07	⁰⁹ 0.08	³¹ 0.08	⁵³ 0.08
⁵⁶ 0.07	⁶⁸ 0.07	⁷⁹ 0.07	⁹¹ 0.07	⁰² 0.08	²⁵ 0.08	⁴⁸ 0.08	⁷¹ 0.08	⁹⁴ 0.08
⁹¹ 0.07	⁰³ 0.08	¹⁵ 0.08	²⁷ 0.08	³⁹ 0.08	⁶² 0.08	⁸⁶ 0.08	¹⁰ 0.09	³⁴ 0.09

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
	3	⁶² 0.07	⁷⁵ 0.07	⁸⁷ 0.07	0.08	¹² 0.08	²⁵ 0.08
	3½	⁹⁴ 0.07	⁰⁷ 0.08	²⁰ 0.08	³³ 0.08	⁴⁶ 0.08	⁵⁹ 0.08
	3¼	²⁶ 0.08	⁴⁰ 0.08	⁵³ 0.08	⁶⁷ 0.08	⁸⁰ 0.08	⁹⁴ 0.08
	3⅔	⁵⁸ 0.08	⁷² 0.09	⁸⁶ 0.08	0.09	¹⁴ 0.09	²⁸ 0.09
	3½	⁹⁰ 0.08	⁰⁴ 0.09	¹⁸ 0.09	³³ 0.09	⁴⁸ 0.09	⁶² 0.09
	3⅝	²¹ 0.09	³⁶ 0.09	⁵² 0.09	⁶⁷ 0.09	⁸² 0.09	⁹⁷ 0.09
	3¾	⁵³ 0.09	⁶⁹ 0.09	⁸⁴ 0.09	0.10	¹⁶ 0.10	³¹ 0.10
	3⅞	⁸⁵ 0.09	⁰¹ 0.10	¹⁷ 0.10	³³ 0.10	⁴⁹ 0.10	⁶⁶ 0.10
	4	¹⁷ 0.10	³³ 0.10	⁵⁰ 0.10	⁶⁷ 0.10	⁸³ 0.10	0.11
	4⅛	⁴⁸ 0.10	⁶⁶ 0.10	⁸³ 0.10	0.11	¹⁷ 0.11	³⁴ 0.11
	4¼	⁸⁰ 0.10	⁹⁸ 0.10	¹⁶ 0.11	³³ 0.11	⁵² 0.11	⁶⁹ 0.11
	4⅓	¹² 0.11	³⁰ 0.11	⁴⁸ 0.11	⁶⁷ 0.11	⁸⁵ 0.11	⁰³ 0.12
	4½	⁴⁴ 0.11	⁶² 0.11	⁸¹ 0.11	0.12	¹⁹ 0.12	³⁷ 0.12
	4⅝	⁷⁵ 0.11	⁹⁵ 0.11	¹⁴ 0.12	³³ 0.12	⁵³ 0.12	⁷² 0.12
	4¾	⁰⁷ 0.12	²⁷ 0.12	⁴⁷ 0.12	⁶⁷ 0.12	⁸⁶ 0.12	⁰⁶ 0.13
	4⅞	³⁹ 0.12	⁵⁹ 0.12	⁸⁰ 0.12	0.13	²⁰ 0.13	⁴¹ 0.13

67½
0.08
0.08
0.08
0.09
0.09
0.10
0.10
0.10
0.11
0.11
0.11
0.12
0.12
0.12
0.12
0.13
0.13

ADVANCE TABLES.

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65	67½	70	72½	75	80	85	90	95
²⁵ 0.08	³⁷ 0.08	⁵⁰ 0.08	⁶² 0.08	⁷⁵ 0.08	⁸⁷ 0.09	²⁵ 0.09	⁵⁰ 0.09	⁷⁵ 0.09
⁵⁰ 0.08	⁷² 0.08	⁸⁵ 0.08	⁹⁸ 0.08	¹¹ 0.09	³⁷ 0.09	⁶⁴ 0.09	⁹⁰ 0.09	¹⁶ 0.10
⁷⁵ 0.08	⁹⁷ 0.09	²¹ 0.09	³⁴ 0.09	⁴⁸ 0.09	⁷⁵ 0.09	⁹² 0.10	²⁹ 0.10	⁵⁶ 0.10
²⁸ 0.09	⁴² 0.09	⁵⁶ 0.09	⁷⁰ 0.09	⁸⁴ 0.09	¹² 0.10	⁴¹ 0.10	⁶⁹ 0.10	⁹⁷ 0.10
⁶² 0.09	⁷⁷ 0.09	⁹² 0.09	¹⁰⁶ 0.10	²¹ 0.10	⁵⁷ 0.10	⁷⁹ 0.10	⁹⁸ 0.11	³⁷ 0.11
⁹⁷ 0.09	¹² 0.10	²⁷ 0.10	⁴² 0.10	⁵⁷ 0.10	⁸⁷ 0.10	¹⁸ 0.11	⁴⁸ 0.11	⁷⁸ 0.11
⁸¹ 0.10	⁴⁷ 0.10	⁶² 0.10	⁷⁸ 0.10	⁹⁴ 0.10	²⁵ 0.11	⁵⁶ 0.11	⁸⁷ 0.11	¹⁸ 0.12
⁶⁶ 0.10	⁸² 0.10	⁹⁸ 0.10	¹⁴ 0.11	³⁰ 0.11	⁶² 0.11	⁹⁵ 0.11	²⁷ 0.12	⁵⁹ 0.12
¹⁷ 0.11	³³ 0.11	⁵⁰ 0.11	⁶⁷ 0.11	⁸³ 0.12	⁹⁸ 0.12	³³ 0.12	⁶⁷ 0.12	⁸³ 0.13
³⁴ 0.11	⁵² 0.11	⁶⁹ 0.11	⁸⁶ 0.11	¹⁰³ 0.12	³⁷ 0.12	⁷² 0.12	⁹⁶ 0.13	⁴¹ 0.13
⁶⁹ 0.11	⁸⁶ 0.11	¹⁰⁴ 0.12	²² 0.12	⁴⁰ 0.12	⁷⁵ 0.12	¹⁰ 0.13	⁴⁶ 0.13	⁸¹ 0.13
⁹³ 0.12	²¹ 0.12	⁴⁰ 0.12	⁵⁸ 0.12	⁷⁶ 0.12	¹² 0.13	⁴⁹ 0.13	⁸⁵ 0.13	²² 0.14
³⁷ 0.12	⁵⁶ 0.12	⁷⁵ 0.12	⁹⁴ 0.12	¹² 0.13	⁵⁰ 0.13	⁸⁷ 0.13	²⁵ 0.14	⁶² 0.14
⁷² 0.12	⁹¹ 0.12	¹⁰ 0.13	³⁰ 0.13	⁴⁹ 0.13	⁸⁷ 0.13	²⁶ 0.14	⁶⁵ 0.14	⁹³ 0.15
⁹⁶ 0.13	²⁶ 0.13	⁴⁶ 0.13	⁶⁶ 0.13	⁸⁵ 0.13	²⁵ 0.14	⁶⁴ 0.14	⁹⁴ 0.15	⁴⁴ 0.15
⁴¹ 0.13	⁶¹ 0.13	⁸¹ 0.13	¹⁰² 0.14	²² 0.14	⁶² 0.14	⁹⁸ 0.15	⁴⁴ 0.15	⁸⁴ 0.15

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
	5	⁷¹ 0.12	⁹² 0.12	¹² 0.13	³³ 0.13	⁵⁴ 0.13	⁷⁵ 0.13
	5½	⁰⁸ 0.13	²⁴ 0.13	⁴⁵ 0.13	⁶⁷ 0.13	⁸⁹ 0.13	⁰⁹ 0.14
	5¼	³⁴ 0.13	⁵⁶ 0.13	⁷⁸ 0.13	¹⁴ 0.14	²² 0.14	⁴⁴ 0.14
	5¾	⁶⁰ 0.13	⁸⁹ 0.13	¹¹ 0.14	³³ 0.14	⁵⁶ 0.14	⁷⁸ 0.14
	5½	⁹⁸ 0.13	²¹ 0.14	⁴⁴ 0.14	⁶⁷ 0.14	⁹⁰ 0.14	¹² 0.15
	5⅝	³⁰ 0.14	⁵³ 0.14	⁷⁷ 0.14	¹⁵ 0.15	²³ 0.15	⁴⁷ 0.15
	5¾	⁶¹ 0.14	⁸⁵ 0.14	⁰⁹ 0.15	³³ 0.15	⁵⁷ 0.15	⁸¹ 0.15
	5⅞	⁹⁸ 0.14	¹⁸ 0.15	⁴² 0.15	⁶⁷ 0.15	⁹¹ 0.15	¹⁶ 0.16
	6	²⁵ 0.15	⁵⁰ 0.15	⁷⁵ 0.15	¹⁶ 0.16	²⁵ 0.16	⁵⁰ 0.16
	6¼	⁵⁷ 0.15	⁸² 0.15	⁰⁸ 0.16	³³ 0.16	⁵⁹ 0.16	⁸⁴ 0.16
	6½	⁸⁹ 0.15	¹⁵ 0.16	⁴¹ 0.16	⁶⁷ 0.16	⁹³ 0.16	¹⁹ 0.17
	6¾	²⁰ 0.16	⁴⁷ 0.16	⁷³ 0.16	¹⁷ 0.17	²⁷ 0.17	⁵³ 0.17
	6½	⁵² 0.16	⁷⁹ 0.16	⁰⁶ 0.17	³³ 0.17	⁶⁰ 0.17	⁸⁷ 0.17
	6⅝	⁸⁴ 0.16	¹¹ 0.17	³⁹ 0.17	⁶⁷ 0.17	⁹⁴ 0.17	²² 0.18
	6¾	¹⁶ 0.17	⁴⁴ 0.17	⁷² 0.17	¹⁸ 0.18	²³ 0.18	⁵⁶ 0.18
	6⅞	⁴⁷ 0.17	⁷⁶ 0.17	⁰⁵ 0.18	³³ 0.18	⁶² 0.18	⁹¹ 0.18

ADVANCE TABLES.

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65	67½	70	72½	75	80	85	90	95
75	93	17	87	58		42	83	25
0.13	0.13	0.14	0.14	0.14	0.15	0.15	0.15	0.16
09	31	52	73	95	87	80	23	66
0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.16	0.16
44	66	87	09	31	75	19	62	06
0.14	0.14	0.14	0.15	0.15	0.15	0.16	0.16	0.17
78		23	45	68	12	57	02	47
0.14	0.15	0.15	0.15	0.15	0.16	0.16	0.17	0.17
12	35	58	81	04	50	96	42	87
0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.17	0.17
47	70	94	17	41	87	84	81	28
0.15	0.15	0.15	0.16	0.16	0.16	0.17	0.17	0.18
81	05	29	53	77	25	73	21	69
0.15	0.16	0.16	0.16	0.16	0.17	0.17	0.18	0.18
16	40	65	89	14	62	11	60	09
0.16	0.16	0.16	0.16	0.17	0.17	0.18	0.18	0.19
50	75		25	50		50		50
0.16	0.16	0.17	0.17	0.17	0.18	0.18	0.19	0.19
84	10	35	61	86	37	89	40	91
0.16	0.17	0.17	0.17	0.17	0.18	0.18	0.19	0.19
19	45	71	97	23	75	27	79	31
0.17	0.17	0.17	0.17	0.18	0.18	0.19	0.19	0.20
53	80	06	33	59	12	66	19	72
0.17	0.17	0.18	0.18	0.18	0.19	0.19	0.20	0.20
87	15	42	69	96	50	04	58	12
0.17	0.18	0.18	0.18	0.18	0.19	0.20	0.20	0.21
22	49	77	05	32	87	43	98	53
0.18	0.18	0.18	0.19	0.19	0.19	0.20	0.20	0.21
56	84	12	41	69	25	81	37	94
0.18	0.18	0.19	0.19	0.19	0.20	0.20	0.21	0.21
91	19	48	77	05	62	20	77	34
0.18	0.19	0.19	0.19	0.20	0.20	0.21	0.21	0.22

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
	7	⁷⁹ 0.17	⁰⁸ 0.18	⁸⁷ 0.18	⁶⁷ 0.18	⁹⁶ 0.18	²⁶ 0.19
	7½	¹¹ 0.18	⁴¹ 0.18	⁷⁰ 0.18	⁸⁰ 0.19	⁸⁰ 0.19	⁵⁹ 0.19
	7¼	⁴³ 0.18	⁷³ 0.18	⁰⁸ 0.19	⁸³ 0.19	⁶⁴ 0.19	⁹⁴ 0.19
	7⅔	⁷⁴ 0.18	⁰⁵ 0.19	⁸⁶ 0.19	⁶⁷ 0.19	⁹⁷ 0.19	²⁸ 0.20
	7½	⁰⁶ 0.19	⁸⁷ 0.19	⁶⁹ 0.19	⁸¹ 0.20	⁸¹ 0.20	⁶² 0.20
	7⅞	⁸⁸ 0.19	⁷⁰ 0.19	⁰² 0.20	⁸³ 0.20	⁶⁵ 0.20	⁹⁷ 0.20
	7¾	⁷⁰ 0.19	⁰² 0.20	⁸⁴ 0.20	⁶⁷ 0.20	⁹⁹ 0.20	⁸¹ 0.21
	7⅞	⁰² 0.20	⁸⁴ 0.20	⁶⁷ 0.20	⁸³ 0.21	⁸³ 0.21	⁶⁶ 0.21
	8	⁸³ 0.20	⁶⁷ 0.20	⁸³ 0.21	⁸³ 0.21	⁶⁷ 0.21	⁶⁷ 0.22
	8½	⁶⁵ 0.20	⁹⁹ 0.20	⁸³ 0.21	⁶⁷ 0.21	⁸⁴ 0.22	⁸⁴ 0.22
	8¼	⁹⁷ 0.20	⁸¹ 0.21	⁶⁶ 0.21	⁸⁴ 0.22	⁸⁴ 0.22	⁶⁹ 0.22
	8⅔	²⁹ 0.21	⁶⁴ 0.21	⁹⁸ 0.21	⁸³ 0.22	⁶⁸ 0.22	⁰⁹ 0.23
	8½	⁶⁰ 0.21	⁹⁶ 0.21	⁸¹ 0.22	⁶⁷ 0.22	⁰² 0.23	⁸⁷ 0.23
	8⅞	⁹² 0.21	²⁸ 0.22	⁶⁴ 0.22	⁸⁶ 0.23	²⁶ 0.23	⁷² 0.23
	8¾	²⁴ 0.22	⁶⁰ 0.22	⁹⁷ 0.22	⁸³ 0.23	⁷⁰ 0.23	⁰⁶ 0.24
	8⅞	⁵⁶ 0.22	⁹⁸ 0.22	³⁰ 0.23	⁶⁷ 0.23	⁰⁴ 0.24	⁴¹ 0.24

67½	70	72½	75	80	85	90	95
⁶⁴ 0.19	⁸³ 0.19	¹² 0.20	⁴² 0.20	²¹ 0.21	⁶⁸ 0.21	¹⁷ 0.22	⁷⁵ 0.22
⁸⁹ 0.19	¹⁹ 0.20	⁴⁸ 0.20	⁷⁸ 0.20	⁸⁷ 0.21	⁹⁷ 0.21	⁵⁸ 0.22	¹⁰ 0.23
²⁴ 0.20	⁵⁴ 0.20	⁸⁴ 0.20	¹⁵ 0.21	⁷⁵ 0.21	⁸⁵ 0.22	⁹⁸ 0.22	⁵⁶ 0.23
⁵⁹ 0.20	⁹⁰ 0.20	²⁰ 0.21	⁵¹ 0.21	¹² 0.22	⁷⁴ 0.22	⁸⁵ 0.23	⁹⁷ 0.23
⁹⁴ 0.20	²⁵ 0.21	⁵⁸ 0.21	⁸⁷ 0.21	⁵⁰ 0.22	¹² 0.23	⁷⁵ 0.23	⁸⁷ 0.24
²⁹ 0.21	⁶⁰ 0.21	⁹² 0.21	²⁴ 0.22	⁸⁷ 0.22	⁵¹ 0.23	¹⁵ 0.24	⁷⁸ 0.24
⁶⁴ 0.21	⁹⁶ 0.21	²⁸ 0.22	⁶⁰ 0.22	²⁵ 0.23	⁹⁰ 0.23	⁵⁴ 0.24	¹⁹ 0.25
⁹⁸ 0.21	⁸¹ 0.22	⁶⁴ 0.22	⁹⁷ 0.22	⁶² 0.23	²⁸ 0.24	⁹⁴ 0.24	⁵⁹ 0.25
⁸³ 0.22	⁶⁷ 0.22	⁸³ 0.23	⁸³ 0.23	⁶⁷ 0.24	⁶⁷ 0.24	⁸³ 0.25	⁸³ 0.26
⁶⁸ 0.22	⁰² 0.23	³⁶ 0.23	⁷⁰ 0.23	³⁷ 0.24	⁰⁵ 0.25	⁷³ 0.25	⁴¹ 0.26
⁰³ 0.23	⁸⁷ 0.23	⁷² 0.23	⁰⁶ 0.24	⁷⁵ 0.24	⁴⁴ 0.25	¹² 0.26	⁸¹ 0.26
³⁸ 0.23	⁷³ 0.23	⁰⁶ 0.24	⁴³ 0.24	¹² 0.25	⁸² 0.25	⁵² 0.26	²² 0.27
⁷⁸ 0.23	⁰⁸ 0.24	⁴⁴ 0.24	⁷⁹ 0.24	⁵⁰ 0.25	²¹ 0.26	⁹² 0.26	⁶² 0.27
⁰⁸ 0.24	⁴⁴ 0.24	⁸⁰ 0.24	¹⁶ 0.25	⁸⁷ 0.25	⁵⁹ 0.26	³¹ 0.27	⁰³ 0.28
⁴³ 0.24	⁷⁹ 0.24	¹⁶ 0.25	⁵² 0.25	²⁵ 0.26	⁹⁸ 0.26	⁷¹ 0.27	⁴⁴ 0.28
⁷⁸ 0.24	¹⁵ 0.25	⁵² 0.25	⁸⁹ 0.25	⁶² 0.26	⁸⁶ 0.27	¹⁰ 0.28	⁸⁴ 0.28

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
	9	⁸⁷ 0.22	²⁵ 0.23	⁶² 0.23	0.24	⁸⁷ 0.24	⁷⁵ 0.24
	9½	¹⁹ 0.23	⁵⁷ 0.23	⁹⁵ 0.23	⁸³ 0.24	⁷¹ 0.24	⁰⁹ 0.25
	9¼	⁵¹ 0.23	⁹⁰ 0.23	²⁸ 0.24	⁶⁷ 0.24	⁰⁵ 0.25	⁴⁴ 0.25
	9¾	⁸⁸ 0.23	²² 0.24	⁶¹ 0.24	0.25	⁸⁹ 0.25	⁷⁸ 0.25
	9½	¹⁵ 0.24	⁵⁴ 0.24	⁹⁴ 0.24	⁸³ 0.25	⁷⁸ 0.25	¹² 0.26
	9⅝	⁴⁶ 0.24	⁸⁶ 0.24	²⁷ 0.25	⁶⁷ 0.25	⁰⁷ 0.26	⁴⁷ 0.26
	9¾	⁷⁸ 0.24	¹⁹ 0.25	⁵⁹ 0.25	0.26	⁴¹ 0.26	⁸¹ 0.26
	9⅞	¹⁰ 0.25	⁵¹ 0.25	⁹² 0.25	⁸³ 0.26	⁷⁴ 0.26	¹⁶ 0.27
	10	⁴² 0.25	⁸⁸ 0.25	²⁵ 0.26	⁶⁷ 0.26	⁰⁸ 0.27	⁵⁰ 0.27
	10½	⁷⁸ 0.25	¹⁶ 0.26	⁵⁸ 0.26	0.27	⁴² 0.27	⁵⁴ 0.27
	10¼	⁰⁵ 0.26	⁴⁸ 0.26	⁹¹ 0.26	⁸³ 0.27	⁷⁶ 0.27	¹⁹ 0.28
	10¾	⁸⁷ 0.26	⁸⁰ 0.26	²³ 0.27	⁶⁷ 0.27	¹⁰ 0.28	⁵³ 0.28
	10½	⁶⁹ 0.26	¹² 0.27	⁵⁶ 0.27	0.28	⁴⁴ 0.28	⁸⁷ 0.28
	10⅝	⁰¹ 0.27	⁴⁵ 0.27	⁸⁹ 0.27	⁸⁸ 0.28	⁷⁸ 0.28	²² 0.29
	10¾	⁸² 0.27	⁷⁷ 0.27	²² 0.28	⁶⁷ 0.28	¹¹ 0.29	⁵⁶ 0.29
	10⅞	⁶⁴ 0.27	⁰⁹ 0.28	⁵⁵ 0.28	0.29	⁴⁵ 0.29	⁹¹ 0.29

ADVANCE TABLES.

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67½	70	72½	75	80	85	90	95
¹² 0.25	⁵⁰ 0.25	⁸⁷ 0.25	²⁵ 0.26	⁷⁵ 0.27	⁵⁰ 0.27	²⁵ 0.28	⁶⁸ 0.29
⁴⁷ 0.25	⁸⁵ 0.25	²⁸ 0.26	⁶¹ 0.26	³⁷ 0.27	¹⁴ 0.28	⁹⁰ 0.28	⁶⁸ 0.29
⁸² 0.25	²¹ 0.26	⁶⁰ 0.26	⁹⁸ 0.26	⁷⁵ 0.27	⁵² 0.28	²⁹ 0.29	⁰⁶ 0.30
¹⁷ 0.26	⁵⁶ 0.26	⁹⁵ 0.26	³⁴ 0.27	¹² 0.28	⁹¹ 0.28	⁶⁹ 0.29	⁴⁷ 0.30
⁵² 0.26	⁹² 0.26	⁸¹ 0.27	⁷¹ 0.27	⁵⁰ 0.28	²⁹ 0.29	⁰⁸ 0.30	⁸⁷ 0.30
⁸⁷ 0.26	²⁷ 0.27	⁶⁷ 0.27	⁰⁷ 0.28	⁸⁷ 0.28	⁶⁸ 0.29	⁴⁸ 0.30	²⁸ 0.31
²² 0.27	⁶² 0.27	⁰⁸ 0.28	⁴⁴ 0.28	²⁵ 0.29	⁰⁶ 0.30	⁸⁷ 0.30	⁶⁹ 0.31
⁵⁷ 0.27	⁹⁸ 0.27	⁸⁹ 0.28	⁸⁰ 0.28	⁶² 0.29	⁴⁵ 0.30	²⁷ 0.31	⁰⁹ 0.32
⁹² 0.27	⁸³ 0.28	⁷⁵ 0.28	¹⁷ 0.29	⁸⁸ 0.30	⁶⁷ 0.30	⁵⁰ 0.31	⁵⁰ 0.32
²⁷ 0.28	⁶⁹ 0.28	¹¹ 0.29	⁵⁸ 0.29	⁸⁷ 0.30	²² 0.31	⁰⁶ 0.32	⁹¹ 0.32
⁶¹ 0.28	⁰⁴ 0.29	⁴⁷ 0.29	⁹⁰ 0.29	⁷⁵ 0.30	⁶⁰ 0.31	⁴⁶ 0.32	⁸¹ 0.33
⁹⁶ 0.28	⁴⁰ 0.29	⁸³ 0.29	²⁶ 0.30	¹² 0.31	⁹⁹ 0.31	⁸⁵ 0.32	⁷² 0.33
³¹ 0.29	⁷⁵ 0.29	¹⁹ 0.30	⁶² 0.30	⁵⁰ 0.31	⁸⁷ 0.32	²⁵ 0.33	¹² 0.34
⁶⁶ 0.29	¹⁰ 0.30	⁵⁵ 0.30	⁹⁹ 0.30	⁸⁷ 0.31	⁷⁶ 0.32	⁶⁵ 0.33	⁵³ 0.34
⁰¹ 0.30	⁴⁶ 0.30	⁹¹ 0.30	⁸⁵ 0.31	²⁵ 0.32	¹⁵ 0.33	⁰⁴ 0.34	⁹⁴ 0.34
⁸⁶ 0.30	⁸¹ 0.30	²⁷ 0.31	⁷² 0.31	⁶² 0.32	⁵⁸ 0.33	⁴⁴ 0.34	¹⁴ 0.35

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
11		⁹⁶ 0.27	⁴² 0.28	⁸⁷ 0.28	⁸³ 0.29	⁷⁹ 0.29	²⁵ 0.30
11½		²⁸ 0.28	⁷⁴ 0.28	²⁰ 0.29	⁶⁷ 0.29	¹⁸ 0.30	⁵⁹ 0.30
11¼		⁵⁹ 0.28	⁰⁶ 0.29	⁵³ 0.29	0.30	⁴⁷ 0.30	⁹⁴ 0.30
11¾		⁰¹ 0.28	³⁹ 0.29	⁸⁶ 0.29	⁸³ 0.30	⁸¹ 0.30	²⁸ 0.31
11½		²³ 0.29	⁷¹ 0.29	¹⁹ 0.30	⁶⁷ 0.30	¹⁵ 0.31	⁶² 0.31
11⅝		⁵⁵ 0.29	⁰³ 0.30	⁵² 0.30	0.31	⁴⁸ 0.31	⁹⁷ 0.31
11¾		⁸⁶ 0.29	⁸⁵ 0.30	⁸⁴ 0.30	⁸³ 0.31	⁸² 0.31	⁸¹ 0.32
11⅞		¹⁸ 0.30	⁶³ 0.30	¹⁷ 0.31	⁶⁷ 0.31	¹⁶ 0.32	⁶⁶ 0.32
1 0		⁵⁰ 0.30	⁰⁰ 0.31	⁵⁰ 0.31	0.32	⁵⁰ 0.32	0.33
1 0¼		¹⁴ 0.31	⁶⁵ 0.31	¹⁶ 0.32	⁶⁷ 0.32	¹⁸ 0.33	⁶⁹ 0.33
1 0½		⁷⁷ 0.31	²⁹ 0.32	⁸¹ 0.32	⁸³ 0.33	⁸⁵ 0.33	⁸⁷ 0.34
1 0¾		⁴¹ 0.32	⁹⁴ 0.32	⁴⁷ 0.33	0.34	⁵³ 0.34	⁰⁶ 0.35
1 1		⁰⁴ 0.33	⁵⁸ 0.33	¹² 0.34	⁶⁷ 0.34	²¹ 0.35	⁷⁵ 0.35
1 1¼		⁶⁸ 0.33	²³ 0.34	⁷⁸ 0.34	⁸³ 0.35	⁸⁹ 0.35	⁴⁴ 0.36
1 1½		⁸¹ 0.34	⁸⁷ 0.34	⁴⁴ 0.35	0.36	⁵⁶ 0.36	¹² 0.37
1 1¾		⁹⁵ 0.34	⁵² 0.35	⁰⁹ 0.36	⁶⁷ 0.36	²⁴ 0.37	⁸¹ 0.37

67½	70	72½	75	80	85	90	95
⁷¹ 0.30	¹⁷ 0.31	⁶² 0.31	⁰⁸ 0.32	0.33	⁹² 0.33	⁸⁸ 0.34	⁷⁵ 0.35
⁰⁶ 0.31	⁶² 0.31	⁹⁸ 0.31	⁴⁵ 0.32	⁸⁷ 0.33	⁸⁰ 0.34	²³ 0.35	¹⁶ 0.36
⁴¹ 0.31	⁸⁷ 0.31	⁸⁴ 0.32	⁸¹ 0.32	⁷⁵ 0.33	⁶⁹ 0.34	⁶² 0.35	⁵⁶ 0.36
⁷⁶ 0.31	²³ 0.32	⁷⁰ 0.32	¹⁸ 0.33	¹² 0.34	⁰⁷ 0.35	⁰² 0.36	⁹⁷ 0.36
¹⁰ 0.32	⁵⁸ 0.32	⁰⁶ 0.33	⁵⁴ 0.33	⁵⁰ 0.34	⁴⁶ 0.35	⁴² 0.36	³⁷ 0.37
⁴⁵ 0.32	⁹⁴ 0.32	⁴² 0.33	⁹¹ 0.33	⁸⁷ 0.34	⁸⁴ 0.35	⁸¹ 0.36	⁷⁸ 0.37
⁸⁰ 0.32	²⁹ 0.33	⁷⁸ 0.33	²⁷ 0.34	²⁵ 0.35	²³ 0.36	²¹ 0.37	¹⁹ 0.38
¹⁵ 0.33	⁶⁵ 0.33	¹⁴ 0.34	⁶⁴ 0.34	⁶² 0.35	⁶¹ 0.36	⁶⁰ 0.37	⁵⁹ 0.38
⁵⁰ 0.33	0.34	⁵⁰ 0.34	0.35	0.36	0.37	0.38	0.39
²⁰ 0.34	⁷¹ 0.34	²² 0.35	⁷⁸ 0.35	⁷⁵ 0.36	⁷⁷ 0.37	⁷⁹ 0.38	⁸¹ 0.39
⁹⁰ 0.34	⁴² 0.35	⁹⁴ 0.35	⁴⁶ 0.36	⁵⁰ 0.37	⁵⁴ 0.38	⁵⁸ 0.39	⁶² 0.40
⁵⁹ 0.35	¹² 0.36	⁶⁶ 0.36	¹⁹ 0.37	²⁵ 0.38	⁸¹ 0.39	⁸⁷ 0.40	⁴⁴ 0.41
²⁹ 0.36	⁸³ 0.36	³⁷ 0.37	⁹² 0.37	0.39	⁰⁸ 0.40	¹⁷ 0.41	²⁵ 0.42
⁹⁹ 0.36	⁵⁴ 0.37	⁰⁹ 0.38	⁶⁵ 0.38	⁷⁵ 0.39	⁸⁵ 0.40	⁹⁶ 0.41	⁰⁶ 0.43
⁶⁹ 0.37	²⁵ 0.38	⁸¹ 0.38	⁸⁷ 0.39	⁵⁰ 0.40	⁶² 0.41	⁷⁵ 0.42	⁸⁷ 0.43
⁸⁹ 0.38	⁹⁶ 0.38	⁵³ 0.39	¹⁰ 0.40	²⁵ 0.41	⁴⁰ 0.42	⁵⁴ 0.43	⁶⁹ 0.44

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
1	2	⁵⁸ 0.35	¹⁷ 0.36	⁷⁵ 0.36	⁸⁸ 0.37	⁹² 0.37	⁵⁰ 0.38
1	2¼	²² 0.36	⁸¹ 0.36	⁴¹ 0.37	0.38	⁵⁹ 0.38	¹⁹ 0.39
1	2½	⁸³ 0.36	⁴⁶ 0.37	⁰⁶ 0.38	⁶⁷ 0.38	²⁷ 0.39	⁸⁷ 0.39
1	2¾	⁴⁹ 0.37	¹⁰ 0.38	⁷² 0.38	³⁸ 0.39	⁹⁵ 0.39	⁵⁶ 0.40
1	3	¹² 0.38	⁷⁵ 0.38	³⁷ 0.39	0.40	⁶² 0.40	²⁵ 0.41
1	3¼	⁷⁶ 0.38	⁴⁰ 0.39	⁰⁸ 0.40	⁶⁷ 0.40	³⁰ 0.41	⁹⁴ 0.41
1	3½	⁴⁰ 0.39	⁰⁴ 0.40	⁶⁹ 0.40	³⁸ 0.41	⁹⁸ 0.41	⁶² 0.42
1	3¾	⁰⁸ 0.40	⁶⁹ 0.40	³⁴ 0.41	0.42	⁶⁶ 0.42	³¹ 0.43
1	4	⁶⁷ 0.40	³⁸ 0.41	0.42	⁶⁷ 0.42	³⁸ 0.43	0.44
1	4¼	³⁰ 0.41	⁹⁸ 0.41	⁶⁶ 0.42	⁸³ 0.43	⁰¹ 0.44	⁶⁹ 0.44
1	4½	⁹⁴ 0.41	⁶² 0.42	³¹ 0.43	0.44	⁶⁹ 0.44	⁸⁷ 0.45
1	4¾	⁵⁷ 0.42	²⁷ 0.43	⁹⁷ 0.43	⁶⁷ 0.44	³⁶ 0.45	⁰⁰ 0.46
1	5	²¹ 0.43	⁹² 0.43	⁶² 0.44	³³ 0.45	⁹⁴ 0.46	⁷⁵ 0.46
1	5¼	⁸⁴ 0.43	⁵⁶ 0.44	²⁸ 0.45	0.46	⁷² 0.46	⁴⁴ 0.47
1	5½	⁴⁸ 0.44	²¹ 0.45	⁹⁴ 0.45	⁶⁷ 0.46	⁴⁰ 0.47	¹² 0.48
1	5¾	¹¹ 0.45	⁸⁵ 0.45	⁵⁹ 0.46	³⁸ 0.47	⁰⁷ 0.48	⁸¹ 0.48

67½	70	72½	75	80	85	90	95
⁰⁸ 0.39	⁰⁷ 0.39	²⁵ 0.40	⁸⁸ 0.40	⁷⁵ 0.42	¹⁷ 0.43	⁸³ 0.44	⁵⁰ 0.45
⁷⁸ 0.39	⁸⁷ 0.40	⁹⁷ 0.40	⁵⁶ 0.41	⁷⁵ 0.42	⁹⁴ 0.43	¹² 0.45	³¹ 0.46
⁴⁸ 0.40	⁰⁸ 0.41	⁶⁹ 0.41	²⁹ 0.42	⁵⁰ 0.43	⁷¹ 0.44	⁹² 0.45	¹² 0.47
¹⁸ 0.41	⁷⁹ 0.41	⁴¹ 0.42	⁰² 0.43	²⁵ 0.44	⁴⁸ 0.45	⁷¹ 0.46	⁹⁴ 0.47
⁸⁷ 0.41	⁵⁰ 0.42	¹² 0.43	⁷⁵ 0.43	²⁵ 0.45	⁵⁰ 0.46	⁵⁰ 0.47	⁷⁵ 0.48
⁵⁷ 0.42	²¹ 0.43	⁸⁴ 0.43	⁴⁸ 0.44	⁷⁵ 0.45	⁰² 0.47	²⁹ 0.48	⁵⁶ 0.49
²⁷ 0.43	⁹² 0.43	⁵⁶ 0.44	²¹ 0.45	⁵⁰ 0.46	⁷⁹ 0.47	⁰⁸ 0.49	⁸⁷ 0.50
⁹⁷ 0.43	⁶² 0.44	²⁸ 0.45	⁹⁴ 0.45	²⁵ 0.47	⁵⁶ 0.48	⁸⁷ 0.49	¹⁹ 0.51
⁶⁷ 0.44	⁸³ 0.45	⁶⁷ 0.46	⁶⁷ 0.46	³⁸ 0.48	⁶⁷ 0.49	⁶⁷ 0.50	⁶⁷ 0.52
⁸⁰ 0.45	⁰⁴ 0.46	⁷² 0.46	⁴⁰ 0.47	⁷⁵ 0.48	¹⁰ 0.50	⁴⁶ 0.51	⁸¹ 0.52
⁰⁶ 0.46	⁷⁵ 0.46	⁴⁴ 0.47	¹² 0.48	⁵⁰ 0.49	⁸⁷ 0.50	²⁵ 0.52	⁶² 0.53
⁷⁶ 0.46	⁴⁶ 0.47	¹⁶ 0.48	⁸⁵ 0.48	²⁵ 0.50	⁶⁵ 0.51	⁰⁴ 0.53	⁴⁴ 0.54
⁴⁶ 0.47	¹⁷ 0.48	⁸⁷ 0.48	⁵⁸ 0.49	⁴² 0.51	⁸³ 0.52	⁸³ 0.53	²⁵ 0.55
¹⁶ 0.48	⁸⁷ 0.48	⁵⁹ 0.49	³¹ 0.50	⁷⁵ 0.51	¹⁹ 0.53	⁶² 0.54	⁰⁶ 0.56
⁸⁵ 0.48	⁵⁸ 0.49	³¹ 0.50	⁰⁴ 0.51	⁵⁰ 0.52	⁹⁶ 0.53	⁴² 0.55	⁸⁷ 0.56
⁵⁵ 0.49	²⁹ 0.50	⁰⁸ 0.51	⁷⁷ 0.51	²⁵ 0.53	⁷³ 0.54	²¹ 0.56	⁶⁹ 0.57

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
1	6	⁷⁵ 0.45	⁵⁰ 0.46	²⁵ 0.47	0.48	⁷⁵ 0.48	⁵⁰ 0.49
1	6½	⁸⁹ 0.46	¹⁵ 0.47	⁹¹ 0.47	⁶⁷ 0.48	⁴³ 0.49	¹⁹ 0.50
1	6½	⁰² 0.47	⁷⁹ 0.47	⁵⁶ 0.48	⁸³ 0.49	¹⁰ 0.50	⁸⁷ 0.50
1	6¾	⁶⁸ 0.47	⁴⁴ 0.48	²² 0.49	0.50	⁷⁸ 0.50	⁵⁸ 0.51
1	7	²⁹ 0.48	⁰⁸ 0.49	⁸⁷ 0.49	⁶⁷ 0.50	⁴⁶ 0.51	²⁵ 0.52
1	7¼	⁹³ 0.48	⁷³ 0.49	⁵³ 0.50	⁸³ 0.51	¹⁴ 0.52	⁹⁴ 0.52
1	7½	⁵⁶ 0.49	³⁷ 0.50	¹⁹ 0.51	0.52	⁸¹ 0.52	⁶² 0.53
1	7¾	²⁰ 0.50	⁰² 0.51	⁸⁴ 0.51	⁶⁷ 0.52	⁴⁹ 0.53	³¹ 0.54
1	8	⁸³ 0.50	⁶⁷ 0.51	⁵⁰ 0.52	³³ 0.53	¹⁷ 0.54	0.55
1	8¼	⁴⁷ 0.51	³¹ 0.52	¹⁶ 0.53	0.54	⁸⁴ 0.54	⁶⁹ 0.55
1	8½	¹⁰ 0.52	⁹⁶ 0.52	⁸¹ 0.53	⁶⁷ 0.54	⁵² 0.55	³⁸ 0.56
1	8¾	⁷⁴ 0.52	⁶⁰ 0.53	⁴⁷ 0.54	³³ 0.55	²⁰ 0.56	⁰⁶ 0.57
1	9	³⁷ 0.53	²⁵ 0.54	¹² 0.55	0.56	⁸⁷ 0.56	⁷⁵ 0.57
1	9¼	⁰¹ 0.54	⁹⁰ 0.54	⁷⁸ 0.55	⁶⁷ 0.56	⁵⁵ 0.57	⁴⁴ 0.58
1	9½	⁶⁵ 0.54	⁵⁴ 0.55	⁴⁴ 0.56	³³ 0.57	²³ 0.58	¹² 0.59
1	9¾	²⁸ 0.55	¹⁹ 0.56	⁰⁹ 0.57	0.58	⁹¹ 0.58	⁸¹ 0.59

67½	70	72½	75	80	85	90	95
²⁵ 0.50	⁷⁵ 0.51	⁶⁰ 0.51	⁵⁰ 0.52	⁵⁰ 0.54	⁵⁰ 0.55	⁵⁰ 0.57	⁵⁰ 0.58
⁹⁶ 0.50	⁷¹ 0.51	⁴⁷ 0.52	²³ 0.53	⁷⁶ 0.54	²⁷ 0.56	⁷⁹ 0.57	³¹ 0.59
⁶⁵ 0.51	⁴² 0.52	¹⁹ 0.53	⁹⁶ 0.53	⁵⁰ 0.55	⁰⁴ 0.57	⁵⁸ 0.58	¹² 0.60
⁸⁴ 0.52	¹² 0.53	⁹¹ 0.53	⁶⁹ 0.54	²⁵ 0.56	⁸¹ 0.57	⁸⁷ 0.59	⁹⁴ 0.60
⁰⁴ 0.53	⁸⁹ 0.53	⁶² 0.54	⁴² 0.55	⁵⁸ 0.57	¹⁷ 0.58	⁷⁶ 0.60	⁷⁶ 0.61
⁷⁴ 0.53	⁵⁴ 0.54	⁸⁴ 0.55	¹⁵ 0.56	⁷⁵ 0.57	⁸⁵ 0.59	⁹⁶ 0.60	⁵⁶ 0.62
⁴⁴ 0.54	²⁵ 0.55	⁰⁶ 0.56	⁸⁷ 0.56	⁵⁰ 0.58	¹² 0.60	⁷⁶ 0.61	³⁷ 0.63
¹⁴ 0.55	⁹⁶ 0.55	⁷⁸ 0.56	⁶⁰ 0.57	²⁵ 0.59	⁹⁰ 0.60	⁵⁴ 0.62	¹⁹ 0.64
⁸³ 0.55	⁶⁷ 0.56	⁵⁰ 0.57	⁸³ 0.58	⁶⁷ 0.60	⁸³ 0.61	⁸³ 0.63	⁸³ 0.65
⁵³ 0.56	³⁷ 0.57	²² 0.58	⁰⁶ 0.59	⁷⁵ 0.60	⁴⁴ 0.62	¹² 0.64	⁸¹ 0.65
²³ 0.57	⁰⁸ 0.58	⁹⁴ 0.58	⁷⁹ 0.59	⁵⁰ 0.61	²¹ 0.63	⁹² 0.64	⁶² 0.66
⁹⁸ 0.57	⁷⁹ 0.58	⁶⁶ 0.59	⁵² 0.60	²⁵ 0.62	⁹⁸ 0.63	⁷¹ 0.65	⁴⁴ 0.67
⁶² 0.58	⁵⁰ 0.59	³⁷ 0.60	²⁵ 0.61	⁷⁵ 0.63	⁵⁰ 0.64	⁵⁰ 0.66	²⁵ 0.68
⁸² 0.59	²¹ 0.60	⁰⁹ 0.61	⁹⁸ 0.61	⁷⁵ 0.63	⁵² 0.65	²⁹ 0.67	⁰⁶ 0.69
⁰² 0.60	⁹² 0.60	⁸¹ 0.61	⁷¹ 0.62	⁵⁰ 0.64	²⁹ 0.66	⁰⁸ 0.68	⁸⁷ 0.69
⁷² 0.60	⁶² 0.61	⁵³ 0.62	⁴⁴ 0.63	²⁵ 0.65	⁰⁶ 0.67	⁸⁷ 0.68	⁶⁹ 0.70

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
1	10	⁹² 0.55	⁸³ 0.56	⁷⁵ 0.57	⁶⁷ 0.58	⁵⁸ 0.59	⁵⁰ 0.60
1	10½	⁵⁵ 0.56	⁴⁸ 0.57	⁴¹ 0.58	³³ 0.59	²⁶ 0.60	¹⁹ 0.61
1	10½	¹⁹ 0.57	¹² 0.58	⁰⁶ 0.59	⁰⁰ 0.60	⁹⁴ 0.60	⁸⁷ 0.61
1	10¾	⁸² 0.57	⁷⁷ 0.58	⁷² 0.59	⁶⁷ 0.60	⁶¹ 0.61	⁵⁶ 0.62
1	11	⁴⁶ 0.58	⁴² 0.59	³⁷ 0.60	³³ 0.61	²⁹ 0.62	²⁵ 0.63
1	11½	⁰⁹ 0.59	⁰⁶ 0.60	⁰³ 0.61	⁰⁰ 0.62	⁹⁷ 0.62	⁹⁴ 0.63
1	11½	⁷³ 0.59	⁷¹ 0.60	⁶⁹ 0.61	⁶⁷ 0.62	⁶⁵ 0.63	⁶² 0.64
1	11¾	⁸⁶ 0.60	⁸⁵ 0.61	⁸⁴ 0.62	⁸³ 0.63	⁸² 0.64	⁸¹ 0.65
2	0	0.61	0.62	0.63	0.64	0.65	0.66
2	0½	²⁷ 0.62	²⁹ 0.63	⁸¹ 0.64	⁸³ 0.65	⁸⁵ 0.66	⁸⁷ 0.67
2	1	⁵⁴ 0.63	⁵⁸ 0.64	⁶² 0.65	⁶⁷ 0.66	⁷¹ 0.67	⁷⁵ 0.68
2	1½	⁸¹ 0.64	⁸⁷ 0.65	⁹⁴ 0.66	⁰⁰ 0.68	⁰⁶ 0.69	¹² 0.70
2	2	⁰⁸ 0.66	¹⁷ 0.67	²⁵ 0.68	³³ 0.69	⁴² 0.70	⁵⁰ 0.71
2	2½	³⁵ 0.67	⁴² 0.68	⁵⁰ 0.69	⁶⁷ 0.70	⁷⁷ 0.71	⁸⁷ 0.72
2	3	⁰² 0.68	⁷⁵ 0.69	⁸⁷ 0.70	⁰⁰ 0.72	¹² 0.73	²⁵ 0.74
2	2½	⁹⁰ 0.69	⁰⁴ 0.71	¹⁹ 0.72	³³ 0.73	⁴⁸ 0.74	⁶² 0.75

ADVANCE TABLES.

23

67½	70	72½	75	80	85	90	95
⁴² 0.61	⁸³ 0.62	²⁵ 0.63	¹⁷ 0.64	0.66	⁸³ 0.67	⁶⁷ 0.69	⁵⁰ 0.71
¹¹ 0.62	⁰⁴ 0.63	⁹⁷ 0.63	⁹⁰ 0.64	⁷⁵ 0.66	⁶⁰ 0.68	⁴⁶ 0.70	³¹ 0.72
⁸¹ 0.62	⁷⁵ 0.63	⁶⁹ 0.64	⁶² 0.65	⁵⁰ 0.67	⁸⁷ 0.69	²⁵ 0.71	¹² 0.73
⁵¹ 0.63	⁴⁶ 0.64	⁴¹ 0.65	⁸⁵ 0.66	²⁵ 0.68	¹⁵ 0.70	⁰⁴ 0.72	⁹⁴ 0.73
²¹ 0.64	¹⁷ 0.65	¹² 0.66	⁰⁸ 0.67	0.69	⁹² 0.70	⁸³ 0.72	⁷⁵ 0.74
⁹¹ 0.64	⁸⁷ 0.65	⁸⁴ 0.66	⁸¹ 0.67	⁷⁵ 0.69	⁶⁹ 0.71	⁶² 0.73	⁵⁸ 0.75
⁰⁰ 0.65	⁵⁸ 0.66	⁵⁶ 0.67	⁵⁴ 0.68	⁵⁰ 0.70	⁴⁶ 0.72	⁴² 0.74	³⁷ 0.76
⁸⁰ 0.66	²⁹ 0.67	²⁹ 0.68	²⁷ 0.69	²⁵ 0.71	²³ 0.73	²¹ 0.75	¹⁹ 0.77
0.67	0.68	0.69	0.70	0.72	0.74	0.76	0.78
⁴⁰ 0.68	⁴² 0.69	⁴⁴ 0.70	⁴⁶ 0.71	⁵⁰ 0.73	⁵⁴ 0.75	⁵⁸ 0.77	⁶² 0.79
⁷⁹ 0.69	⁸³ 0.70	⁸⁷ 0.71	⁹² 0.72	0.75	⁰⁸ 0.77	¹⁷ 0.79	²⁵ 0.81
¹⁹ 0.71	²⁵ 0.72	⁸¹ 0.73	⁸⁷ 0.74	⁵⁰ 0.76	⁶² 0.78	⁷⁵ 0.80	⁸⁷ 0.82
⁵⁸ 0.72	⁶⁷ 0.73	⁷⁵ 0.74	⁸³ 0.75	0.78	¹⁷ 0.80	³³ 0.82	⁵⁰ 0.84
⁹⁸ 0.73	⁰⁸ 0.75	¹⁹ 0.76	²⁹ 0.77	⁵⁰ 0.79	⁷¹ 0.81	⁹² 0.83	¹² 0.86
⁸⁷ 0.75	⁵⁰ 0.76	⁶² 0.77	⁷⁵ 0.78	0.81	²⁵ 0.83	⁵⁰ 0.85	⁷⁵ 0.87
⁷⁷ 0.76	⁹² 0.77	⁰⁸ 0.79	²¹ 0.80	⁵⁰ 0.82	⁷⁹ 0.84	⁰⁸ 0.87	⁸⁷ 0.89

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
2	4	¹⁷ 0.71	⁸⁸ 0.72	⁵⁰ 0.73	⁶⁷ 0.74	⁸³ 0.75	0.77
2	4½	⁴⁴ 0.72	⁶² 0.73	⁸¹ 0.74	0.76	¹⁹ 0.77	⁸⁷ 0.78
2	5	⁷¹ 0.73	⁹² 0.74	¹² 0.76	⁸⁸ 0.77	⁵⁴ 0.78	⁷⁵ 0.79
2	5½	⁹⁸ 0.74	²¹ 0.76	⁴⁴ 0.77	⁶⁷ 0.78	⁹⁰ 0.79	¹² 0.81
2	6	²⁵ 0.76	⁵⁰ 0.77	⁷⁵ 0.78	0.80	²⁵ 0.81	⁵⁰ 0.82
2	6½	⁵² 0.77	⁷⁹ 0.78	⁰⁶ 0.80	³⁸ 0.81	⁶⁰ 0.82	⁸⁷ 0.83
2	7	⁷⁹ 0.78	⁰⁸ 0.80	³⁷ 0.81	⁶⁷ 0.82	⁹⁶ 0.83	²⁵ 0.85
2	7½	⁰⁶ 0.80	³⁷ 0.81	⁶⁹ 0.82	0.84	⁸¹ 0.85	⁶² 0.86
2	8	³⁸ 0.81	⁶⁷ 0.82	0.84	³⁸ 0.85	⁶⁷ 0.86	0.88
2	8½	⁶⁰ 0.82	⁹⁶ 0.83	⁸¹ 0.85	⁶⁷ 0.86	⁰² 0.88	³⁷ 0.89
2	9	⁸⁷ 0.83	²⁵ 0.85	⁶² 0.86	0.88	³⁷ 0.89	⁷⁵ 0.90
2	9½	¹⁵ 0.85	⁵⁴ 0.86	⁹⁴ 0.87	³⁸ 0.89	⁷³ 0.90	¹² 0.92
2	10	⁴² 0.86	⁸³ 0.87	²⁵ 0.89	⁶⁷ 0.90	⁰⁸ 0.92	⁵⁰ 0.93
2	10½	⁶⁹ 0.87	¹² 0.89	⁵⁶ 0.90	0.92	⁴⁴ 0.93	⁸⁷ 0.94
2	11	⁹⁶ 0.88	⁴² 0.90	⁸⁷ 0.91	³⁸ 0.93	⁷⁹ 0.94	²⁵ 0.96
2	11½	²⁸ 0.90	⁷¹ 0.91	¹⁹ 0.93	⁶⁷ 0.94	¹⁶ 0.96	⁶² 0.97

65

0.77

0.78

0.79

0.81

0.82

0.83

0.85

0.86

0.88

0.89

0.90

0.92

0.93

0.94

0.96

0.97

67½	70	72½	75	80	85	90	95
¹⁷ 0.78	³³ 0.79	⁵⁰ 0.80	⁶⁷ 0.81	0.84	²⁹ 0.86	⁶⁷ 0.88	0.91
⁵⁰ 0.79	⁷⁵ 0.80	⁹⁴ 0.81	¹² 0.83	⁵⁰ 0.85	⁸⁷ 0.87	²⁵ 0.90	⁶² 0.92
⁹⁶ 0.80	¹⁷ 0.82	³⁷ 0.83	⁵⁸ 0.84	0.87	⁴² 0.89	⁸³ 0.91	²⁵ 0.94
⁸⁵ 0.82	⁵⁸ 0.83	⁸¹ 0.84	⁰⁴ 0.86	⁵⁰ 0.88	⁹⁶ 0.90	⁴² 0.93	⁸⁷ 0.95
⁷⁵ 0.83	0.85	²⁵ 0.86	⁵⁰ 0.87	0.90	⁵⁰ 0.92	0.95	⁵⁰ 0.97
¹⁵ 0.85	⁴² 0.86	⁶⁹ 0.87	⁹⁶ 0.88	⁵⁰ 0.91	⁰⁴ 0.94	⁵⁸ 0.96	¹² 0.99
⁵⁴ 0.86	⁸³ 0.87	¹² 0.89	⁴² 0.90	0.93	⁵⁸ 0.95	¹⁷ 0.98	⁷⁵ 1.00
⁹⁴ 0.87	²⁵ 0.89	⁵⁶ 0.90	⁸⁷ 0.91	⁵⁰ 0.94	¹² 0.97	⁷⁵ 0.99	⁸⁷ 1.02
³³ 0.89	⁶⁷ 0.90	0.92	³³ 0.93	0.96	⁶⁷ 0.98	³³ 1.01	1.04
⁷³ 0.90	⁰⁸ 0.92	⁴⁴ 0.93	⁷⁹ 0.94	⁵⁰ 0.97	²¹ 1.00	⁹² 1.02	⁶² 1.05
¹² 0.92	⁵⁰ 0.93	⁸⁷ 0.94	²⁵ 0.96	0.99	⁷⁵ 1.01	⁵⁰ 1.04	²⁵ 1.07
⁵² 0.93	⁹² 0.94	³¹ 0.96	⁷¹ 0.97	⁵⁰ 1.00	²⁹ 1.03	⁰⁸ 1.06	⁸⁷ 1.08
⁹² 0.94	³³ 0.96	⁷⁵ 0.97	¹⁷ 0.99	1.02	⁸⁸ 1.04	⁶⁷ 1.07	⁵⁰ 1.10
³¹ 0.96	⁷⁵ 0.97	¹⁹ 0.99	⁶² 1.00	⁵⁰ 1.03	³⁷ 1.06	²⁵ 1.09	¹² 1.12
⁷¹ 0.97	¹⁷ 0.99	⁶² 1.00	⁰⁸ 1.02	1.05	⁹² 1.07	⁸⁸ 1.10	⁷⁵ 1.13
¹⁰ 0.99	⁵⁸ 1.00	⁰⁶ 1.02	⁵⁴ 1.03	⁵⁰ 1.06	⁴⁶ 1.09	⁴² 1.12	³⁷ 1.15

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
3	0	⁵⁰ 0.91	0.93	⁵⁰ 0.94	0.96	⁵⁰ 0.97	0.99
3	0½	⁷⁷ 0.92	²⁹ 0.94	⁸¹ 0.95	⁹⁰ 0.97	⁸⁵ 0.98	³⁷ 1.00
3	1	⁰⁴ 0.94	⁵⁸ 0.95	¹² 0.97	⁶⁷ 0.98	²¹ 1.00	⁷⁵ 1.01
3	1½	⁸¹ 0.95	⁸⁷ 0.96	⁴⁴ 0.98	1.00	⁵⁶ 1.01	¹² 1.03
3	2	⁵⁸ 0.96	¹⁷ 0.98	⁷⁵ 0.99	³³ 1.01	⁹² 1.02	⁵⁰ 1.04
3	2½	⁸⁵ 0.97	⁴⁶ 0.99	⁰⁸ 1.01	⁶⁷ 1.02	²⁷ 1.04	⁸⁷ 1.05
3	3	¹² 0.99	⁷⁵ 1.00	³⁷ 1.02	1.04	⁶² 1.05	²⁵ 1.07
3	3½	⁴⁰ 1.00	⁰⁴ 1.02	⁶⁹ 1.03	⁸³ 1.05	⁹⁸ 1.06	⁶² 1.08
3	4	⁶⁷ 1.01	³³ 1.03	1.05	⁶⁷ 1.06	⁸³ 1.08	1.10
3	4½	⁹⁴ 1.02	⁶² 1.04	⁸¹ 1.06	1.08	⁶⁹ 1.09	⁸⁷ 1.11
3	5	²¹ 1.04	⁹² 1.05	⁶² 1.07	⁸³ 1.09	⁰⁴ 1.11	⁷⁵ 1.12
3	5½	⁴⁸ 1.05	²¹ 1.07	⁹⁴ 1.08	⁶⁷ 1.10	⁴⁰ 1.12	¹² 1.14
3	6	⁷⁵ 1.06	⁵⁰ 1.08	²⁵ 1.10	1.12	⁷⁵ 1.13	⁵⁰ 1.15
3	6½	⁰² 1.08	⁷⁹ 1.09	⁵⁶ 1.11	⁸³ 1.13	¹⁰ 1.15	⁸⁷ 1.16
3	7	²⁹ 1.09	⁰⁸ 1.11	⁸⁷ 1.12	⁶⁷ 1.14	⁴⁶ 1.16	²⁵ 1.18
3	7½	⁵⁶ 1.10	³⁷ 1.12	¹⁹ 1.14	1.16	⁸¹ 1.17	⁶² 1.19

65

0.99

87
1.00

75
1.01

12
1.03

50
1.04

87
1.05

25
1.07

62
1.08

1.10

87
1.11

75
1.12

12
1.14

50
1.15

87
1.16

25
1.18

62
1.19

67½	70	72½	75	80	85	90	95
⁵⁰ 1.00	1.02	⁵⁰ 1.03	1.05	1.08	1.11	1.14	1.17
⁹⁰ 1.01	⁴² 1.03	⁹⁴ 1.04	⁴⁶ 1.06	⁵⁰ 1.09	⁵⁴ 1.12	⁵⁸ 1.15	⁶² 1.18
²⁹ 1.03	⁸³ 1.04	⁸⁷ 1.06	⁹² 1.07	1.11	⁰⁸ 1.14	¹⁷ 1.17	²⁵ 1.20
⁶⁹ 1.04	²⁵ 1.06	⁸¹ 1.07	³⁷ 1.09	⁵⁰ 1.12	⁶² 1.15	⁷⁵ 1.18	⁸⁷ 1.21
⁰⁸ 1.06	⁶⁷ 1.07	²⁵ 1.09	⁸³ 1.10	1.14	¹⁷ 1.17	³⁸ 1.20	⁵⁰ 1.23
⁴⁸ 1.07	⁰⁸ 1.09	⁶⁹ 1.10	²⁹ 1.12	⁵⁰ 1.15	⁷¹ 1.18	⁹² 1.21	¹² 1.25
⁸⁷ 1.08	⁵⁰ 1.10	¹² 1.12	⁷⁵ 1.13	1.17	²⁵ 1.20	⁵⁰ 1.23	⁷⁵ 1.26
²⁷ 1.10	⁹² 1.11	⁵⁶ 1.13	²¹ 1.15	⁵⁰ 1.18	⁷⁹ 1.21	⁰⁸ 1.25	³⁷ 1.28
⁶⁷ 1.11	⁸³ 1.13	1.15	⁶⁷ 1.16	1.20	³³ 1.23	⁶⁷ 1.26	1.30
⁰⁶ 1.13	⁷⁵ 1.14	⁴⁴ 1.16	¹² 1.18	⁵⁰ 1.21	⁸⁷ 1.24	²⁵ 1.28	⁶² 1.31
⁴⁶ 1.14	¹⁷ 1.16	⁸⁷ 1.17	⁵⁸ 1.19	1.23	⁴² 1.26	⁸⁸ 1.29	²⁵ 1.33
⁸⁵ 1.15	⁵⁸ 1.17	³¹ 1.19	⁰⁴ 1.21	⁵⁰ 1.24	⁹⁶ 1.27	⁴² 1.31	⁸⁷ 1.34
²⁵ 1.17	1.19	⁷⁵ 1.20	⁵⁰ 1.22	1.26	⁵⁰ 1.29	1.33	⁵⁰ 1.36
⁶⁵ 1.18	⁴² 1.20	¹⁹ 1.22	⁹⁶ 1.23	⁵⁰ 1.27	⁰⁴ 1.31	⁵⁸ 1.34	¹² 1.38
⁰⁴ 1.20	⁸³ 1.21	⁶² 1.23	⁴² 1.25	1.29	⁵⁸ 1.32	¹⁷ 1.36	⁷⁵ 1.39
⁴⁴ 1.21	²⁵ 1.23	⁰⁶ 1.25	⁸⁷ 1.26	⁵⁰ 1.30	¹² 1.34	⁷⁵ 1.37	⁸⁷ 1.41

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
3	8	⁸³ 1.11	⁶⁷ 1.13	⁵⁰ 1.15	³⁸ 1.17	¹⁷ 1.19	1.21
3	8½	¹⁰ 1.13	⁹⁶ 1.14	⁸¹ 1.16	⁶⁷ 1.18	⁵² 1.20	⁸ 1.22
3	9	³⁷ 1.14	²⁵ 1.16	¹² 1.18	1.20	⁸⁷ 1.21	⁷¹ 1.23
3	9½	⁶⁵ 1.15	⁵⁴ 1.17	⁴⁴ 1.19	³⁸ 1.21	²⁸ 1.23	¹⁴ 1.25
3	10	⁹² 1.16	⁸³ 1.18	⁷⁵ 1.20	⁶⁷ 1.22	⁵⁸ 1.24	⁵⁰ 1.26
3	10½	¹⁹ 1.18	¹² 1.20	⁰⁸ 1.22	1.24	⁹⁴ 1.25	⁸⁷ 1.27
3	11	⁴⁶ 1.19	⁴² 1.21	³⁷ 1.23	³³ 1.25	²⁹ 1.27	²⁴ 1.29
3	11½	⁷³ 1.20	⁷¹ 1.22	⁶⁹ 1.24	⁶⁷ 1.26	⁶⁵ 1.28	⁶² 1.30
4	0	1.22	1.24	1.26	1.28	1.30	1.32
4	0½	²⁷ 1.23	²⁹ 1.25	³¹ 1.27	³³ 1.29	³⁵ 1.31	³⁷ 1.33
4	1	⁵⁴ 1.24	⁵⁸ 1.26	⁶² 1.28	⁶⁷ 1.30	⁷¹ 1.32	⁷⁵ 1.34
4	1½	⁸¹ 1.25	⁸⁷ 1.27	⁹⁴ 1.29	1.32	⁹³ 1.34	¹² 1.36
4	2	⁰⁸ 1.27	¹⁷ 1.29	²⁵ 1.31	³³ 1.33	⁴² 1.35	⁵⁰ 1.37
4	2½	³⁵ 1.28	⁴⁸ 1.30	⁵⁶ 1.32	⁶⁷ 1.34	⁷⁷ 1.36	⁸⁷ 1.38
4	3	⁶² 1.29	⁷⁵ 1.31	⁸⁷ 1.33	1.36	¹² 1.38	²⁵ 1.40
4	3½	⁹⁰ 1.30	⁰⁴ 1.33	¹⁹ 1.35	³³ 1.37	⁴⁸ 1.39	⁶² 1.41

65

1.21

1.22

1.23

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1.27

1.29

1.30

1.32

1.33

1.34

1.36

1.37

1.38

1.40

1.41

67½	70	72½	75	80	85	90	95
⁸³ 1.22	⁶⁷ 1.24	⁵⁰ 1.26	⁸³ 1.28	1.32	⁶⁷ 1.35	⁸³ 1.39	1.43
²⁸ 1.24	⁰⁸ 1.26	⁹⁴ 1.27	⁷⁹ 1.29	⁵⁰ 1.33	²¹ 1.37	⁹² 1.40	⁶² 1.44
⁶² 1.25	⁵⁰ 1.27	⁸⁷ 1.29	²⁵ 1.31	1.35	⁷⁵ 1.38	⁵⁰ 1.42	²⁵ 1.46
⁰² 1.27	⁹² 1.28	⁸¹ 1.30	⁷¹ 1.32	⁵⁰ 1.36	²⁹ 1.40	⁰⁸ 1.44	⁸⁷ 1.47
⁴² 1.28	⁸³ 1.30	²⁵ 1.32	¹⁷ 1.34	1.38	⁸³ 1.41	1.45	⁵⁰ 1.49
⁸¹ 1.29	⁷⁵ 1.31	⁶⁹ 1.33	⁶² 1.35	⁵⁰ 1.39	⁸⁷ 1.43	²⁵ 1.47	¹² 1.51
²¹ 1.31	¹⁷ 1.33	¹² 1.35	⁰⁸ 1.37	1.41	⁹² 1.44	⁸⁸ 1.48	⁷⁵ 1.52
⁶⁰ 1.32	⁵⁸ 1.34	⁵⁶ 1.36	⁵⁴ 1.38	⁵⁰ 1.42	⁴⁶ 1.46	⁴² 1.50	⁸⁷ 1.54
1.34	1.36	1.38	1.40	1.44	1.48	1.52	1.56
⁴⁰ 1.35	⁴² 1.37	⁴⁴ 1.39	⁴⁶ 1.41	⁵⁰ 1.45	⁵⁴ 1.49	⁵⁸ 1.53	⁶² 1.57
⁷⁹ 1.36	⁸⁸ 1.38	⁸⁷ 1.40	⁹² 1.42	1.47	⁰⁸ 1.51	¹⁷ 1.55	²⁵ 1.59
¹⁹ 1.38	²⁵ 1.40	³¹ 1.42	³⁷ 1.44	⁵⁰ 1.48	⁶² 1.52	⁷⁵ 1.56	⁸⁷ 1.60
⁵⁸ 1.39	⁶⁷ 1.41	⁷⁵ 1.43	⁸³ 1.45	1.50	¹⁷ 1.54	³³ 1.58	⁵⁰ 1.62
⁹⁸ 1.40	⁰⁸ 1.43	¹⁹ 1.45	²⁹ 1.47	⁵⁰ 1.51	⁷¹ 1.55	⁹² 1.59	¹² 1.64
⁸⁷ 1.42	⁵⁰ 1.44	⁶² 1.46	⁷⁵ 1.48	1.53	²⁵ 1.57	⁵⁰ 1.61	⁷⁵ 1.65
⁷⁷ 1.43	⁹² 1.45	⁰⁶ 1.48	²¹ 1.50	⁵⁰ 1.54	⁷⁹ 1.58	⁰⁸ 1.63	⁸⁷ 1.67

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
4	4	¹⁷ 1.32	⁸⁸ 1.34	⁵⁰ 1.36	⁶⁷ 1.38	⁸⁸ 1.40	1.42
4	4½	⁴⁴ 1.33	⁰² 1.35	⁸¹ 1.37	1.40	¹⁹ 1.42	⁸⁷ 1.44
4	5	⁷¹ 1.34	⁹² 1.36	¹² 1.39	⁸⁸ 1.41	⁵⁴ 1.43	⁷⁵ 1.45
4	5½	⁹⁸ 1.35	²¹ 1.38	⁴⁴ 1.40	⁶⁷ 1.42	⁹⁰ 1.44	¹² 1.47
4	6	²⁵ 1.37	⁵⁰ 1.39	⁷⁵ 1.41	1.44	²⁵ 1.46	⁵⁰ 1.48
4	6½	⁵² 1.38	⁷⁹ 1.40	⁰⁶ 1.43	⁸³ 1.45	⁶⁰ 1.47	⁸⁷ 1.49
4	7	⁷⁹ 1.39	⁰⁸ 1.42	⁸⁷ 1.44	⁶⁷ 1.46	⁹⁸ 1.48	² 1.51
4	7½	⁰⁸ 1.41	⁸⁷ 1.43	⁶⁹ 1.45	1.48	⁸¹ 1.50	⁶³ 1.52
4	8	⁸³ 1.42	⁶⁷ 1.44	1.47	⁸³ 1.49	⁶⁷ 1.51	1.54
4	8½	⁶⁰ 1.43	⁹⁸ 1.45	⁸¹ 1.48	⁶⁷ 1.50	⁰² 1.53	⁸⁷ 1.55
4	9	⁸⁷ 1.44	²⁵ 1.47	⁶² 1.49	1.52	⁸⁷ 1.54	⁷⁵ 1.56
4	9½	¹⁵ 1.46	⁵⁴ 1.48	⁹⁴ 1.50	⁸⁸ 1.53	⁷⁸ 1.55	¹² 1.58
4	10	⁴² 1.47	⁸⁸ 1.49	²⁵ 1.52	⁶⁷ 1.54	⁰⁸ 1.57	⁵⁰ 1.59
4	10½	⁶⁹ 1.48	¹² 1.51	⁵⁸ 1.53	1.56	⁴⁴ 1.58	⁸⁷ 1.60
4	11	⁹⁸ 1.49	⁴² 1.52	⁸⁷ 1.54	⁸⁸ 1.57	⁷⁹ 1.59	²⁵ 1.62
4	11½	²³ 1.51	⁷¹ 1.53	¹⁹ 1.56	⁶⁷ 1.58	¹⁵ 1.61	⁶² 1.63

67½	70	72½	75	80	85	90	95
¹⁷ 1.45	⁸⁸ 1.47	⁵⁰ 1.49	⁶⁷ 1.51	1.56	⁸³ 1.60	⁶⁷ 1.64	1.69
⁵⁶ 1.46	⁷⁵ 1.48	⁹⁴ 1.50	¹² 1.53	⁵⁰ 1.57	⁸⁷ 1.61	²⁵ 1.66	⁶³ 1.70
⁹⁶ 1.47	¹⁷ 1.50	⁸⁷ 1.52	⁵⁸ 1.54	1.59	⁴² 1.63	⁸⁸ 1.67	²⁵ 1.72
⁸⁵ 1.49	⁵⁸ 1.51	⁸¹ 1.53	⁰⁴ 1.56	⁵⁰ 1.60	⁹⁶ 1.64	⁴² 1.69	⁸⁷ 1.73
⁷⁵ 1.50	1.53	²⁵ 1.55	⁵⁰ 1.57	1.62	⁵⁰ 1.66	1.71	⁵⁰ 1.75
¹⁵ 1.52	⁴² 1.54	⁶⁹ 1.56	⁹⁶ 1.58	⁵⁰ 1.63	⁰⁴ 1.68	⁵⁸ 1.72	¹² 1.77
⁵⁴ 1.53	⁸⁸ 1.55	¹² 1.58	⁴² 1.60	1.65	⁵⁸ 1.69	¹⁷ 1.74	⁷⁵ 1.78
⁹⁴ 1.54	²⁵ 1.57	⁵⁶ 1.59	⁸⁷ 1.61	⁵⁰ 1.66	¹² 1.71	⁷⁵ 1.75	⁸⁷ 1.80
³⁸ 1.56	⁶⁷ 1.58	1.61	³⁸ 1.63	1.68	⁶⁷ 1.72	³⁸ 1.77	1.82
⁷³ 1.57	⁰⁸ 1.60	⁴⁴ 1.62	⁷⁹ 1.64	⁵⁰ 1.69	²¹ 1.74	⁹² 1.78	⁶² 1.83
¹² 1.59	⁵⁰ 1.61	⁸⁷ 1.63	²⁵ 1.66	1.71	⁷⁵ 1.75	⁵⁰ 1.80	²⁵ 1.85
⁵² 1.60	⁹² 1.62	³¹ 1.65	⁷¹ 1.67	⁵⁰ 1.72	²⁹ 1.77	⁰⁸ 1.82	⁸⁷ 1.86
⁹² 1.61	⁸⁸ 1.64	⁷⁵ 1.66	¹⁷ 1.69	1.74	⁸³ 1.78	⁶⁷ 1.83	⁵⁰ 1.88
³¹ 1.63	⁷⁵ 1.65	¹⁹ 1.68	⁶² 1.70	⁵⁰ 1.75	³⁷ 1.80	²⁵ 1.85	¹² 1.90
⁷¹ 1.64	¹⁷ 1.67	⁶² 1.69	⁰⁸ 1.72	1.77	⁹² 1.81	⁸⁸ 1.86	⁷⁵ 1.91
¹⁰ 1.66	⁵⁸ 1.68	⁰⁶ 1.71	⁵⁴ 1.73	⁵⁰ 1.78	⁴⁶ 1.83	⁴² 1.88	³⁷ 1.93

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
5	0	⁵⁰ 1.52	1.55	⁵⁰ 1.57	1.60	⁵⁰ 1.62	1.65
5	1	⁰⁴ 1.55	⁵⁸ 1.57	¹² 1.60	⁶⁷ 1.62	²¹ 1.65	⁷⁵ 1.67
5	1½	⁸¹ 1.56	⁸⁷ 1.58	⁴⁴ 1.61	1.64	⁵⁰ 1.66	¹² 1.69
5	2	⁵⁸ 1.57	¹⁷ 1.60	⁷⁵ 1.62	⁸³ 1.65	⁹² 1.67	⁵⁰ 1.70
5	3	¹² 1.60	⁷⁵ 1.62	⁸⁷ 1.65	1.68	⁶² 1.70	²⁵ 1.73
5	4	⁶⁷ 1.62	³³ 1.65	1.68	⁶⁷ 1.70	⁸³ 1.73	1.76
5	4½	⁹⁴ 1.63	⁶² 1.66	⁹¹ 1.69	1.72	⁶⁹ 1.74	⁸⁷ 1.77
5	5	²¹ 1.65	⁹² 1.67	⁶² 1.70	³³ 1.73	⁰⁴ 1.76	⁷⁵ 1.78
5	6	⁷⁵ 1.67	⁵⁰ 1.70	²⁵ 1.73	1.76	⁷⁵ 1.78	⁵⁰ 1.81
5	7	²⁹ 1.70	⁰⁸ 1.73	⁸⁷ 1.75	⁶⁷ 1.78	⁴⁶ 1.81	²⁵ 1.84
5	7½	⁵³ 1.71	³⁷ 1.74	¹⁹ 1.77	1.80	⁸¹ 1.82	⁶² 1.85
5	8	⁸³ 1.72	⁶⁷ 1.75	⁵⁰ 1.78	³³ 1.81	¹⁷ 1.84	1.87
5	9	³⁷ 1.75	²⁵ 1.78	¹² 1.81	1.84	⁸⁷ 1.86	⁷⁵ 1.89
5	10	⁹² 1.77	⁸³ 1.80	⁷⁵ 1.83	⁶⁷ 1.86	⁵⁸ 1.89	⁵⁰ 1.92
5	10½	¹⁹ 1.79	¹² 1.82	⁰⁶ 1.85	1.88	⁹⁴ 1.90	⁸⁷ 1.93
5	11	⁴⁶ 1.80	⁴² 1.83	³⁷ 1.86	³³ 1.89	²⁹ 1.92	²⁵ 1.95

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67 ¹ ₂	70	72 ¹ ₂	75	80	85	90	95
⁵⁰ 1.67	1.70	⁵⁰ 1.72	1.75	1.80	1.85	1.90	1.95
²⁹ 1.70	⁸³ 1.72	⁸⁷ 1.75	⁹² 1.77	1.83	⁰⁸ 1.88	¹⁷ 1.93	²⁵ 1.98
⁶⁹ 1.71	²⁵ 1.74	⁸¹ 1.76	⁸⁷ 1.79	⁵⁰ 1.84	⁶² 1.89	⁷⁵ 1.94	⁸⁷ 1.99
⁰⁸ 1.73	⁶⁷ 1.75	²⁵ 1.78	⁸³ 1.80	1.86	¹⁷ 1.91	³³ 1.96	⁵⁰ 2.01
⁸⁷ 1.75	⁵⁰ 1.78	¹² 1.81	⁷⁵ 1.83	1.89	²⁵ 1.94	⁵⁰ 1.99	⁷⁵ 2.04
⁶⁷ 1.78	⁸³ 1.81	1.84	⁶⁷ 1.86	1.92	³³ 1.97	⁶⁷ 2.02	2.08
⁰⁸ 1.80	⁷⁵ 1.82	⁴⁴ 1.85	¹² 1.88	⁵⁰ 1.93	⁸⁷ 1.98	²⁵ 2.04	⁶² 2.09
⁴⁰ 1.81	¹⁷ 1.84	⁸⁷ 1.86	⁵⁸ 1.89	1.95	⁴² 2.00	⁸³ 2.05	²⁵ 2.11
²⁵ 1.84	1.87	⁷⁵ 1.89	⁵⁰ 1.92	1.98	⁵⁰ 2.03	2.09	⁵⁰ 2.14
⁰⁴ 1.87	⁸³ 1.89	⁶² 1.92	⁴² 1.95	2.01	⁵⁸ 2.06	¹⁷ 2.12	⁷⁵ 2.17
⁴⁴ 1.88	²⁵ 1.91	⁰⁶ 1.94	⁸⁷ 1.96	⁵⁰ 2.02	¹² 2.08	⁷⁵ 2.13	³⁷ 2.19
⁸³ 1.89	⁶⁷ 1.92	⁵⁰ 1.95	³³ 1.98	2.04	⁶⁷ 2.09	³³ 2.15	2.21
⁶² 1.92	⁵⁰ 1.95	³⁷ 1.98	²⁵ 2.01	2.07	⁷⁵ 2.12	⁵⁰ 2.18	²⁵ 2.24
⁴² 1.95	⁸³ 1.98	²⁵ 2.01	¹⁷ 2.04	2.10	⁸³ 2.15	⁶⁷ 2.21	⁵⁰ 2.27
⁸¹ 1.96	⁷⁵ 1.99	⁶⁹ 2.02	⁶² 2.05	⁵⁰ 2.11	³⁷ 2.17	²⁵ 2.23	¹² 2.29
²¹ 1.98	¹⁷ 2.01	¹² 2.04	⁰⁸ 2.07	2.13	⁹² 2.18	⁸³ 2.24	⁷⁵ 2.30

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
6	0	1.83	1.86	1.89	1.92	1.95	1.98
6	1	⁵⁴ 1.85	⁵⁸ 1.88	⁶² 1.91	⁶⁷ 1.94	⁷¹ 1.97	⁷⁵ 2.00
6	1½	⁸¹ 1.86	⁸⁷ 1.89	⁹⁴ 1.92	1.96	⁰⁶ 1.99	¹² 2.02
6	2	⁰⁸ 1.88	¹⁷ 1.91	²⁵ 1.94	³³ 1.97	⁴² 2.00	⁵⁰ 2.03
6	3	⁶² 1.90	⁷⁵ 1.93	⁸⁷ 1.96	2.00	¹² 2.03	²⁵ 2.06
6	4	¹⁷ 1.93	³³ 1.96	⁵⁰ 1.99	⁶⁷ 2.02	⁸³ 2.05	2.09
6	4½	⁴⁴ 1.94	⁶² 1.97	⁸¹ 2.00	2.04	¹⁹ 2.07	³⁷ 2.10
6	5	⁷¹ 1.95	⁹² 1.98	¹² 2.02	³³ 2.05	⁵⁴ 2.08	⁷⁵ 2.11
6	6	²⁵ 1.98	⁵⁰ 2.01	⁷⁵ 2.04	2.08	²⁵ 2.11	⁵⁰ 2.14
6	7	⁷⁹ 2.00	⁰⁸ 2.04	³⁷ 2.07	⁶⁷ 2.10	⁹⁶ 2.13	²⁵ 2.17
6	7½	⁰⁶ 2.02	³⁷ 2.05	⁶⁹ 2.08	2.12	³¹ 2.15	⁶² 2.18
6	8	³³ 2.03	⁶⁷ 2.06	2.10	³³ 2.13	⁶⁷ 2.16	2.20
6	9	⁸⁷ 2.05	²⁵ 2.09	⁶² 2.12	2.16	³⁷ 2.19	⁷⁵ 2.22
6	10	⁴ 2.08	⁸³ 2.11	²⁵ 2.15	⁶⁷ 2.18	⁰⁸ 2.22	⁵⁰ 2.25
6	10½	⁶⁹ 2.09	¹² 2.13	⁵⁶ 2.16	2.20	⁴⁴ 2.23	⁸⁷ 2.26
6	11	⁹⁶ 2.10	⁴² 2.14	⁸⁷ 2.17	³³ 2.21	⁷⁹ 2.24	²⁵ 2.28

67½	70	72½	75	80	85	90	95
2.01	2.04	2.07	2.10	2.16	2.22	2.28	2.34
⁷⁹ 2.03	⁸³ 2.06	⁸⁷ 2.09	⁹² 2.12	2.19	⁰⁸ 2.25	¹⁷ 2.31	²⁵ 2.37
¹⁹ 2.05	²⁵ 2.08	³¹ 2.11	³⁷ 2.14	⁵⁰ 2.20	⁶² 2.26	⁷⁵ 2.32	⁸⁷ 2.38
⁵⁸ 2.06	⁶⁷ 2.09	⁷⁵ 2.12	⁸³ 2.15	2.22	¹⁷ 2.28	³³ 2.34	⁵⁰ 2.40
⁸⁷ 2.09	⁵⁰ 2.12	⁶² 2.15	⁷⁵ 2.18	2.25	²⁵ 2.31	⁵⁰ 2.37	⁷⁵ 2.43
¹⁷ 2.12	³³ 2.15	⁵⁰ 2.18	⁶⁷ 2.21	2.28	³³ 2.34	⁶⁷ 2.40	2.47
⁵⁸ 2.13	⁷⁵ 2.16	⁹⁴ 2.19	¹² 2.23	⁵⁰ 2.29	⁸⁷ 2.35	²⁵ 2.42	⁶² 2.48
⁹⁸ 2.14	¹⁷ 2.18	³⁷ 2.21	⁵⁸ 2.24	2.31	⁴² 2.37	⁸³ 2.43	²⁵ 2.50
⁷⁵ 2.17	2.21	²⁵ 2.24	⁵⁰ 2.27	2.34	⁵⁰ 2.40	2.47	⁵⁰ 2.53
⁵⁴ 2.20	⁸³ 2.23	¹² 2.27	⁴² 2.30	2.37	⁵⁸ 2.43	¹⁷ 2.50	⁷⁵ 2.56
⁹⁴ 2.21	²⁵ 2.25	⁵⁶ 2.28	⁸⁷ 2.31	⁵⁰ 2.38	¹² 2.45	⁷⁵ 2.51	⁸⁷ 2.58
³³ 2.23	⁶⁷ 2.26	2.30	³³ 2.33	2.40	⁶⁷ 2.46	³³ 2.53	2.60
¹² 2.26	⁵⁰ 2.29	⁸⁷ 2.32	²⁵ 2.36	2.43	⁷⁵ 2.49	⁵⁰ 2.56	²⁵ 2.63
⁹² 2.28	³³ 2.32	⁷⁵ 2.35	¹⁷ 2.39	2.46	⁸³ 2.52	⁶⁷ 2.59	⁵⁰ 2.66
³¹ 2.30	⁷⁵ 2.33	¹⁹ 2.37	⁶² 2.40	⁵⁰ 2.47	³⁷ 2.54	²⁵ 2.61	¹² 2.68
⁷¹ 2.31	¹⁷ 2.35	⁶² 2.38	⁰⁸ 2.42	2.49	⁹² 2.55	³³ 2.62	⁷⁵ 2.69

<i>s.</i>	<i>d.</i>	59½	55	57½	60	62½	65
7	0	⁵⁰ 2.13	2.17	⁵⁰ 2.20	2.24	⁵⁰ 2.27	2.31
7	1	⁰⁴ 2.16	⁵⁸ 2.19	¹² 2.23	⁶⁷ 2.26	²¹ 2.30	⁷⁶ 2.33
7	1½	⁸¹ 2.17	⁸⁷ 2.20	⁴⁴ 2.24	2.28	⁵⁶ 2.31	¹² 2.35
7	2	⁵⁸ 2.18	¹⁷ 2.22	⁷⁵ 2.25	³³ 2.29	⁹² 2.32	⁵⁰ 2.36
7	3	¹² 2.21	⁷⁵ 2.24	⁸⁷ 2.28	2.32	⁶² 2.35	²⁵ 2.39
7	4	⁶⁷ 2.23	⁸³ 2.27	2.31	⁶⁷ 2.34	⁸³ 2.38	2.42
7	4½	⁹⁴ 2.24	⁶² 2.28	³¹ 2.32	2.36	⁶⁰ 2.39	⁸⁷ 2.43
7	5	²¹ 2.26	⁹² 2.29	⁶² 2.33	⁸³ 2.37	⁰⁴ 2.41	⁷⁶ 2.44
7	6	⁷⁵ 2.28	⁵⁰ 2.32	²⁵ 2.36	2.40	⁷⁵ 2.43	⁵⁰ 2.47
7	7	²⁹ 2.31	⁰⁸ 2.35	⁸⁷ 2.38	⁶⁷ 2.42	⁴⁶ 2.46	²⁵ 2.50
7	7½	⁵⁸ 2.32	⁸⁷ 2.36	¹⁹ 2.40	2.44	⁸¹ 2.47	⁶² 2.51
7	8	⁸³ 2.33	⁶⁷ 2.37	⁵⁰ 2.41	³³ 2.45	¹⁷ 2.49	2.53
7	9	⁸⁷ 2.36	²⁵ 2.40	¹² 2.44	2.48	⁸⁷ 2.51	⁷⁵ 2.55
7	10	⁹² 2.38	⁸³ 2.42	⁷⁵ 2.46	⁶⁷ 2.50	⁵⁸ 2.54	⁵⁰ 2.58
7	10½	¹⁹ 2.40	¹² 2.44	⁰⁶ 2.48	2.52	⁹⁴ 2.55	⁸⁷ 2.59
7	11	⁴⁶ 2.41	⁴² 2.45	⁸⁷ 2.49	³³ 2.53	²⁹ 2.57	²⁵ 2.61

67 ¹	70	72 ¹	75	80	85	90	95
⁵⁰ 2.34	2.38	⁵⁰ 2.41	2.45	2.52	2.59	2.66	2.73
²⁹ 2.37	⁸³ 2.40	⁸⁷ 2.44	⁹² 2.47	2.55	⁰⁸ 2.62	¹⁷ 2.69	²⁵ 2.76
⁶⁹ 2.38	²⁵ 2.42	⁸¹ 2.45	⁸⁷ 2.49	⁵⁰ 2.56	⁶² 2.63	⁷⁵ 2.70	⁸⁷ 2.77
⁰⁸ 2.40	⁶⁷ 2.43	²⁵ 2.47	⁸³ 2.50	2.58	¹⁷ 2.65	⁸³ 2.72	⁵⁰ 2.79
⁸⁷ 2.42	⁵⁰ 2.46	¹² 2.50	⁷⁵ 2.53	2.61	²⁵ 2.68	⁵⁰ 2.75	⁷⁵ 2.82
⁶⁷ 2.45	⁸³ 2.49	2.53	⁶⁷ 2.56	2.64	³³ 2.71	⁶⁷ 2.78	2.86
⁰⁶ 2.47	⁷⁵ 2.50	⁴⁴ 2.54	¹² 2.58	⁵⁰ 2.65	⁸⁷ 2.72	²⁵ 2.80	⁶² 2.87
⁴⁶ 2.48	¹⁷ 2.52	⁸⁷ 2.55	⁵⁸ 2.59	2.67	⁴² 2.74	⁸³ 2.81	²⁵ 2.89
²⁵ 2.51	2.55	⁷⁵ 2.58	⁵⁰ 2.62	2.70	⁵⁰ 2.77	2.85	⁵⁰ 2.92
⁰⁴ 2.54	⁸³ 2.57	⁶² 2.61	⁴² 2.65	2.73	⁵⁸ 2.80	¹⁷ 2.88	⁷⁵ 2.95
⁴⁴ 2.55	²⁵ 2.59	⁰⁶ 2.63	⁸⁷ 2.66	⁵⁰ 2.74	¹² 2.82	⁷⁵ 2.89	⁸⁷ 2.97
⁸³ 2.56	⁶⁷ 2.60	⁵⁰ 2.64	⁸³ 2.68	2.76	⁶⁷ 2.83	³³ 2.91	2.99
⁶² 2.59	⁵⁰ 2.63	²⁷ 2.67	²⁵ 2.71	2.79	⁷⁵ 2.86	⁵⁰ 2.94	²⁵ 3.02
⁴² 2.62	⁸³ 2.66	²⁵ 2.70	¹⁷ 2.74	2.82	⁸⁶ 2.89	⁶⁷ 2.97	⁵⁰ 3.05
⁸¹ 2.63	⁷⁵ 2.67	⁶⁹ 2.71	⁶² 2.75	⁵⁰ 2.83	⁸⁷ 2.91	²⁵ 2.99	¹² 3.07
²¹ 2.65	¹⁷ 2.69	¹² 2.73	⁰⁸ 2.77	2.85	⁹² 2.92	⁸⁸ 3.00	⁷⁵ 3.08

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
8	0	2.44	2.48	2.52	2.56	2.60	2.64
8	1	⁵⁴ 2.46	⁵⁹ 2.50	⁶² 2.54	⁶⁷ 2.58	⁷¹ 2.62	⁷⁵ 2.66
8	1½	⁸¹ 2.47	⁸⁷ 2.51	⁹⁴ 2.55	2.60	⁰⁸ 2.64	¹² 2.68
8	2	⁰⁸ 2.49	¹⁷ 2.53	²⁵ 2.57	³³ 2.61	⁴² 2.65	⁵⁰ 2.69
8	3	⁶² 2.51	⁷⁵ 2.55	⁸⁷ 2.59	2.64	¹² 2.68	²⁵ 2.72
8	4	¹⁷ 2.54	³³ 2.58	⁵⁰ 2.62	⁶⁷ 2.66	⁸³ 2.70	2.75
8	4½	⁴⁴ 2.55	⁶² 2.59	⁸¹ 2.63	2.68	¹⁹ 2.72	³⁷ 2.76
8	5	⁷¹ 2.56	⁹² 2.60	¹² 2.65	³³ 2.69	⁵⁴ 2.73	⁷⁵ 2.77
8	6	²⁵ 2.59	⁵⁰ 2.63	⁷⁵ 2.67	2.72	²⁵ 2.76	⁵⁰ 2.80
8	7	⁷⁹ 2.61	⁰⁸ 2.66	³⁷ 2.70	⁶⁷ 2.74	⁹⁶ 2.78	²⁵ 2.83
8	7½	⁰⁶ 2.63	³⁷ 2.67	⁶⁹ 2.71	2.76	³¹ 2.80	⁶² 2.84
8	8	³³ 2.64	⁶⁷ 2.68	2.73	³³ 2.77	⁶⁷ 2.81	2.86
8	9	⁸⁷ 2.66	²⁵ 2.71	⁶² 2.75	2.80	³⁷ 2.84	⁷⁵ 2.88
8	10	⁴² 2.69	⁸³ 2.73	²⁵ 2.78	⁶⁷ 2.82	⁰⁸ 2.87	⁵⁰ 2.91
8	10½	⁶⁹ 2.70	¹² 2.75	⁵⁶ 2.79	2.84	⁴⁴ 2.88	³⁷ 2.92
8	11	⁹⁶ 2.71	⁴² 2.76	⁸⁷ 2.80	³³ 2.85	⁷⁹ 2.89	²⁵ 2.94

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67½	70	72½	75	80	85	90	95
2.68	2.72	2.76	2.80	2.88	2.96	3.04	3.12
⁷⁹ 2.70	⁸³ 2.74	⁸⁷ 2.78	⁹² 2.82	2.91	⁰⁸ 2.99	¹⁷ 3.07	²⁵ 3.15
¹⁹ 2.72	²⁵ 2.76	³¹ 2.80	³⁷ 2.84	⁵⁰ 2.92	⁶² 3.00	⁷⁵ 3.08	⁸⁷ 3.16
⁵⁸ 2.73	⁶⁷ 2.77	⁷⁵ 2.81	⁸³ 2.85	2.94	¹⁷ 3.02	³³ 3.10	⁵⁰ 3.18
⁸⁷ 2.76	⁵⁰ 2.80	⁶² 2.84	⁷⁵ 2.88	2.97	²⁵ 3.05	⁵⁰ 3.13	⁷⁵ 3.21
¹⁷ 2.79	³³ 2.83	⁵⁰ 2.87	⁶⁷ 2.91	3.00	³³ 3.08	⁶⁷ 3.16	3.25
⁵⁶ 2.80	⁷⁵ 2.84	⁹⁴ 2.88	¹² 2.93	⁵⁰ 3.01	⁸⁷ 3.09	²⁵ 3.18	⁶² 3.26
⁹⁶ 2.81	¹⁷ 2.86	³⁷ 2.90	⁵⁸ 2.94	3.03	⁴² 3.11	⁸³ 3.19	²⁵ 3.28
⁷⁵ 2.84	2.89	²⁵ 2.93	⁵⁰ 2.97	3.06	⁵⁰ 3.14	3.23	⁵⁰ 3.31
⁵⁴ 2.87	⁸³ 2.91	¹² 2.96	⁴² 3.00	3.09	⁵⁸ 3.17	¹⁷ 3.26	⁷⁵ 3.34
⁹⁴ 2.88	²⁵ 2.93	⁵⁶ 2.97	⁸⁷ 3.01	⁵⁰ 3.10	¹² 3.19	⁷⁵ 3.27	⁸⁷ 3.36
³³ 2.90	⁶⁷ 2.94	2.99	³³ 3.03	3.12	⁶⁷ 3.20	³³ 3.29	3.38
¹² 2.93	⁵⁰ 2.97	⁸⁷ 3.01	²⁵ 3.06	3.15	⁷⁵ 3.23	⁵⁰ 3.32	²⁵ 3.41
⁹² 2.95	³³ 3.00	⁷⁵ 3.04	¹⁷ 3.09	3.18	⁸³ 3.26	⁶⁷ 3.35	⁵⁰ 3.44
³¹ 2.97	⁷⁵ 3.01	¹⁹ 3.06	⁶² 3.10	⁵⁰ 3.19	⁸⁷ 3.28	²⁵ 3.37	¹² 3.46
⁷¹ 2.98	¹⁷ 3.03	⁶² 3.07	⁰⁸ 3.12	3.21	⁹² 3.29	⁸³ 3.38	⁷⁵ 3.47

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
9	0	⁵⁰ 2.74	2.79	⁵⁰ 2.83	2.88	⁵⁰ 2.92	2.97
9	1	⁰⁴ 2.77	⁵⁸ 2.81	¹² 2.86	⁶⁷ 2.90	²¹ 2.95	⁷⁵ 2.99
9	1½	⁸¹ 2.78	⁸⁷ 2.82	⁴⁴ 2.87	2.92	⁵⁶ 2.96	¹⁹ 3.01
9	2	⁵⁸ 2.79	¹⁷ 2.84	⁷⁵ 2.88	³⁸ 2.93	⁹² 2.97	⁵⁵ 3.02
9	3	¹² 2.82	⁷⁵ 2.86	³⁷ 2.91	2.96	⁶² 3.00	²⁵ 3.05
9	4	⁶⁷ 2.84	³⁸ 2.89	2.94	⁶⁷ 2.98	³⁸ 3.03	3.08
9	4½	⁹⁴ 2.85	⁶² 2.90	⁸¹ 2.95	3.00	⁶⁹ 3.04	³¹ 3.09
9	5	²¹ 2.87	⁹² 2.91	⁶² 2.96	³⁸ 3.01	⁰⁴ 3.06	⁷⁵ 3.10
9	6	⁷⁵ 2.89	⁵⁰ 2.94	²⁵ 2.99	3.04	⁷⁵ 3.08	⁵⁰ 3.13
9	7	²⁹ 2.92	⁰⁸ 2.97	⁸⁷ 3.01	⁶⁷ 3.06	⁴⁶ 3.11	²⁵ 3.16
9	7½	⁵⁶ 2.93	³⁷ 2.98	¹⁹ 3.03	3.08	⁸¹ 3.12	⁶² 3.17
9	8	⁸³ 2.94	⁶⁷ 2.99	⁵⁰ 3.04	³⁸ 3.09	¹⁷ 3.14	3.19
9	9	³⁷ 2.97	²⁵ 3.02	¹² 3.07	3.12	⁸⁷ 3.16	⁷⁵ 3.21
9	10	⁹² 2.99	⁸³ 3.04	⁷⁵ 3.09	⁶⁷ 3.14	⁵⁸ 3.19	⁵⁵ 3.24
9	10½	¹⁹ 3.01	¹² 3.06	⁰⁶ 3.11	3.16	⁹⁴ 3.20	⁸⁷ 3.25
9	11	⁴⁶ 3.02	⁴² 3.07	³⁷ 3.12	³⁸ 3.17	²⁹ 3.22	²⁵ 3.27

3.5
3.97
3.99
3.01
3.02
3.05
3.08
3.09
3.10
3.13
3.16
3.17
3.19
3.27
3.24
3.25
3.27

67½	70	72½	75	80	85	90	95
⁵⁰ 3.01	3.06	⁵⁰ 3.10	3.15	3.24	3.33	3.42	3.51
²⁹ 3.04	⁸⁸ 3.08	⁸⁷ 3.13	⁹² 3.17	3.27	⁰⁸ 3.36	¹⁷ 3.45	²⁵ 3.54
⁶⁹ 3.05	²⁵ 3.10	⁸¹ 3.14	⁸⁷ 3.19	⁵⁰ 3.28	⁶² 3.37	⁷⁵ 3.46	⁸⁷ 3.55
⁰⁸ 3.07	⁶⁷ 3.11	²⁵ 3.16	⁸⁸ 3.20	3.30	¹⁷ 3.39	⁸⁸ 3.48	⁵⁰ 3.57
⁸⁷ 3.09	⁵⁰ 3.14	¹² 3.19	⁷⁵ 3.23	3.33	²⁵ 3.42	⁵⁰ 3.51	⁷⁵ 3.60
⁶⁷ 3.12	⁸⁸ 3.17	3.22	⁶⁷ 3.26	3.36	⁸⁸ 3.45	⁶⁷ 3.54	3.64
⁰⁶ 3.14	⁷⁵ 3.18	⁴⁴ 3.23	¹² 3.28	⁵⁰ 3.37	⁸⁷ 3.46	²⁵ 3.56	⁶² 3.65
⁴⁶ 3.15	¹⁷ 3.20	⁸⁷ 3.24	⁵⁸ 3.29	3.39	⁴² 3.48	⁸⁸ 3.57	²⁵ 3.67
²⁵ 3.18	3.23	⁷⁵ 3.27	⁵⁰ 3.32	3.42	⁵⁰ 3.51	3.61	⁵⁰ 3.70
⁰⁴ 3.21	⁸⁸ 3.25	⁶² 3.30	⁴² 3.35	3.45	⁵⁸ 3.54	¹⁷ 3.64	⁷⁵ 3.73
⁴⁴ 3.22	²⁵ 3.27	⁰⁶ 3.32	⁸⁷ 3.36	⁵⁰ 3.46	¹² 3.56	⁷⁵ 3.65	⁸⁷ 3.75
⁸⁸ 3.23	⁶⁷ 3.28	⁵⁰ 3.33	⁸⁸ 3.38	3.48	⁶⁷ 3.57	⁸⁸ 3.67	3.77
⁶² 3.26	⁵⁰ 3.31	⁸⁷ 3.36	²⁵ 3.41	3.51	⁷⁵ 3.60	⁵⁰ 3.70	²⁵ 3.80
⁴² 3.29	⁸⁸ 3.34	²⁵ 3.39	¹⁷ 3.44	3.54	⁸⁸ 3.63	⁶⁷ 3.73	⁵⁰ 3.83
⁸¹ 3.30	⁷⁵ 3.35	⁶⁹ 3.40	⁶² 3.45	⁵⁰ 3.55	⁸⁷ 3.65	²⁵ 3.75	¹² 3.85
²¹ 3.32	¹⁷ 3.37	¹² 3.42	⁰⁸ 3.47	3.57	⁹² 3.66	⁸⁸ 3.76	⁷⁵ 3.86

s.	d.	52½	55	57½	60	62½	65
10	0	3.05	3.10	3.15	3.20	3.25	3 10
10	1	⁵⁴ 3.07	⁵⁸ 3.12	⁶² 3.17	⁶⁷ 3.22	⁷¹ 3.27	⁷⁵ 3 12
10	1½	⁸¹ 3.08	⁸⁷ 3.13	⁹⁴ 3.18	3.24	⁰⁶ 3.29	¹² 3 14
10	2	⁰⁸ 3.10	¹ 3.15	²⁵ 3.20	³³ 3.25	⁴² 3.30	⁵⁰ 3 35
10	3	⁶² 3.12	⁷⁵ 3.17	⁸⁷ 3.22	3.28	¹² 3.33	²⁵ 3 38
10	4	¹⁷ 3.15	³³ 3.20	⁵⁰ 3.25	⁶⁷ 3.30	⁸³ 3.35	3 41
10	4½	⁴⁴ 3.16	⁶² 3.21	⁸¹ 3.26	3.32	¹⁹ 3.37	³⁷ 3 42
10	5	⁷¹ 3.17	⁹² 3.22	¹² 3.28	³³ 3.33	⁵⁴ 3.38	⁷⁵ 3 43
10	6	²⁵ 3.20	⁵⁰ 3.25	⁷⁵ 3.30	3.36	²⁵ 3.41	⁵⁰ 3 46
10	7	⁷⁹ 3.22	⁰⁸ 3.28	³⁷ 3.33	⁶⁷ 3.38	⁹⁶ 3.43	²⁵ 3 49
10	7½	⁰⁸ 3.24	³⁷ 3.29	⁶⁹ 3.34	3.40	³¹ 3.45	⁶² 3 50
10	8	³³ 3.25	⁶⁷ 3.30	3.36	³³ 3.41	⁶⁷ 3.46	3 52
10	9	⁸⁷ 3.27	²⁵ 3.33	⁶² 3.38	3.44	³⁷ 3.49	⁷⁵ 3 54
10	10	⁴² 3.30	⁸³ 3.35	²⁵ 3.41	⁶⁷ 3.46	⁰⁸ 3.52	⁵⁰ 3 57
10	10½	⁶⁹ 3.31	¹² 3.37	⁵⁶ 3.42	3.48	⁴⁴ 3.53	⁸⁷ 3 58
10	11	⁹⁶ 3.32	⁴² 3.38	⁸⁷ 3.43	⁸⁸ 3.49	⁷⁹ 3.54	²⁵ 3 60

67½	70	72½	75	80	85	90	95
3.35	3.40	3.45	3.50	3.60	3.70	3.80	3.90
⁷⁹ 3.37	⁸⁸ 3.42	⁸⁷ 3.47	⁹² 3.52	3.63	⁰⁸ 3.73	¹⁷ 3.83	²⁵ 3.93
¹⁹ 3.39	²⁵ 3.44	⁸¹ 3.49	⁸⁷ 3.54	⁵⁰ 3.64	⁶² 3.74	⁷⁵ 3.84	⁸⁷ 3.94
⁵⁸ 3.40	⁶⁷ 3.45	⁷⁵ 3.50	⁸⁸ 3.55	3.66	¹⁷ 3.76	⁸⁸ 3.86	⁵⁰ 3.96
⁸⁷ 3.43	⁵⁰ 3.48	⁶² 3.53	⁷⁵ 3.58	3.69	²⁵ 3.79	⁵⁰ 3.89	⁷⁵ 3.99
¹⁷ 3.46	⁸⁸ 3.51	⁵⁰ 3.56	⁶⁷ 3.61	3.72	³⁸ 3.82	⁶⁷ 3.92	4.03
⁵⁸ 3.47	⁷⁵ 3.52	⁹⁴ 3.57	¹² 3.63	⁵⁰ 3.73	⁸⁷ 3.83	²⁵ 3.94	⁶² 4.04
⁹⁶ 3.48	¹⁷ 3.54	⁸⁷ 3.59	⁵⁸ 3.64	3.75	⁴² 3.85	⁸⁸ 3.95	²⁵ 4.06
⁷⁵ 3.51	3.57	²⁵ 3.62	⁵⁰ 3.67	3.78	⁵⁰ 3.88	3.99	⁵⁰ 4.09
⁵⁴ 3.54	⁸⁸ 3.59	¹² 3.65	⁴² 3.70	3.81	⁵⁸ 3.91	¹⁷ 4.02	⁷⁵ 4.12
⁹⁴ 3.55	²⁵ 3.61	⁵⁶ 3.66	⁸⁷ 3.71	⁵⁰ 3.82	¹² 3.93	⁷⁵ 4.03	⁸⁷ 4.14
⁸⁸ 3.57	⁶⁷ 3.62	3.68	⁸⁸ 3.73	3.84	⁶⁷ 3.94	⁸⁸ 4.05	4.16
¹² 3.60	⁵⁰ 3.65	⁸⁷ 3.70	²⁵ 3.76	3.87	⁷⁵ 3.97	⁵⁰ 4.08	²⁵ 4.19
⁹² 3.62	⁸⁸ 3.68	⁷⁵ 3.73	¹⁷ 3.79	3.90	⁸⁸ 4.00	⁶⁷ 4.11	⁵⁰ 4.22
⁸¹ 3.64	⁷⁵ 3.69	¹⁹ 3.75	⁶² 3.80	⁵⁰ 3.91	³⁷ 4.02	²⁵ 4.13	¹² 4.24
⁷¹ 3.65	¹⁷ 3.71	⁶² 3.76	⁰⁸ 3.82	3.93	⁹² 4.03	⁸⁸ 4.14	⁷⁵ 4.25

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
11	0	⁵⁰ 3.35	3.41	⁵⁰ 3.46	3.52	⁵⁰ 3.57	3.63
11	1	⁰⁴ 3.38	⁵⁹ 3.43	¹² 3.49	⁶⁷ 3.54	²¹ 3.60	⁷⁴ 3.65
11	1½	⁸¹ 3.39	⁶⁷ 3.44	⁴⁴ 3.50	3.56	⁵⁶ 3.61	¹⁹ 3.67
11	2	⁵⁸ 3.40	¹⁷ 3.46	⁷⁵ 3.51	⁸³ 3.57	⁹² 3.62	⁵⁰ 3.68
11	3	¹² 3.43	⁷⁵ 3.48	⁸⁷ 3.54	3.60	⁶² 3.65	²⁵ 3.71
11	4	⁶⁷ 3.45	⁸³ 3.51	3.57	⁶⁷ 3.62	⁸³ 3.68	3.74
11	4½	⁹⁴ 3.46	⁶² 3.52	⁸¹ 3.58	3.64	⁶⁹ 3.69	³⁷ 3.75
11	5	²¹ 3.48	⁹² 3.53	⁶² 3.59	³³ 3.65	⁰⁴ 3.71	⁷⁵ 3.76
11	6	⁷⁵ 3.50	⁵⁰ 3.56	²⁵ 3.62	3.68	⁷⁵ 3.73	⁵⁰ 3.79
11	7	²⁹ 3.53	⁰⁸ 3.59	⁸⁷ 3.64	⁶⁷ 3.70	⁴⁶ 3.76	²⁵ 3.82
11	7½	⁵⁶ 3.54	³⁷ 3.60	¹⁹ 3.66	3.72	⁸¹ 3.77	⁶² 3.83
11	8	⁸³ 3.55	⁶⁷ 3.61	⁵⁰ 3.67	⁸³ 3.73	¹⁷ 3.79	3.85
11	9	⁸⁷ 3.58	²⁵ 3.64	¹² 3.70	3.76	⁸⁷ 3.81	⁷⁷ 3.87
11	10	⁹² 3.60	⁸³ 3.66	⁷⁵ 3.72	⁶⁷ 3.78	⁵⁸ 3.84	⁵⁰ 3.90
11	10½	¹⁹ 3.62	¹² 3.68	⁰⁶ 3.74	3.80	⁹⁴ 3.85	⁸⁷ 3.91
11	11	⁴⁶ 3.63	⁴² 3.69	⁸⁷ 3.75	⁸³ 3.81	²⁹ 3.87	²⁵ 3.93

5	67½	70	72½	75	80	85	90	95
⁵⁰ 63	3.68	3.74	⁵⁰ 3.79	3.85	3.96	4.07	4.18	4.29
⁷⁵ 65	²⁹ 3.71	⁸³ 3.76	⁸⁷ 3.82	⁹² 3.87	3.99	⁰⁸ 4.10	¹⁷ 4.21	²⁵ 4.32
¹² 67	⁶⁹ 3.72	²⁵ 3.78	⁸¹ 3.83	⁸⁷ 3.89	⁵⁰ 4.00	⁶² 4.11	⁷⁵ 4.23	⁸⁷ 4.33
⁵⁰ 68	⁰⁸ 3.74	⁶⁷ 3.79	²⁵ 3.85	⁸³ 3.90	4.02	¹⁷ 4.13	³³ 4.24	⁵⁰ 4.35
²⁵ 71	⁸⁷ 3.76	⁵⁰ 3.82	¹² 3.88	⁷⁵ 3.93	4.05	²⁵ 4.16	⁵⁰ 4.27	⁷⁵ 4.38
74	⁶⁷ 3.79	⁸³ 3.85	3.91	⁶⁷ 3.96	4.08	³³ 4.19	⁶⁷ 4.30	4.42
³⁷ 75	⁰⁶ 3.81	⁷⁵ 3.86	⁴⁴ 3.92	¹² 3.98	⁵⁰ 4.09	⁸⁷ 4.20	²⁵ 4.32	⁶² 4.43
⁷⁵ 76	⁴⁶ 3.82	¹⁷ 3.88	⁸⁷ 3.93	⁵⁸ 3.99	4.11	⁴² 4.22	⁸³ 4.33	²⁵ 4.45
⁵⁰ 79	²⁵ 3.85	3.91	⁷⁵ 3.96	⁵⁰ 4.02	4.14	⁵⁰ 4.25	4.37	⁵⁰ 4.48
²⁵ 82	⁰⁴ 3.88	⁸³ 3.93	⁶² 3.99	⁴² 4.05	4.17	⁵⁸ 4.28	¹⁷ 4.40	⁷⁵ 4.51
⁶² 93	⁴⁴ 3.89	²⁵ 3.95	⁰⁶ 4.01	⁸⁷ 4.06	⁵⁰ 4.18	¹² 4.30	⁷⁵ 4.41	⁸⁷ 4.53
95	⁸⁸ 3.90	⁶⁷ 3.96	⁵⁰ 4.02	⁸³ 4.08	4.20	⁶⁷ 4.31	³³ 4.43	4.55
⁷⁵ 87	⁶² 3.93	⁵⁰ 3.99	⁸⁷ 4.05	²⁵ 4.11	4.23	⁷⁵ 4.34	⁵⁰ 4.46	²⁵ 4.58
⁵⁰ 90	⁴² 3.96	³³ 4.02	²⁵ 4.08	¹⁷ 4.14	4.26	⁸³ 4.37	⁶⁷ 4.49	⁵⁰ 4.61
⁸⁷ 91	⁸¹ 3.97	⁷⁵ 4.03	⁶⁹ 4.09	⁶² 4.15	⁵⁰ 4.27	³⁷ 4.39	²⁵ 4.51	¹² 4.63
²⁵ 93	²¹ 3.99	¹⁷ 4.05	¹² 4.11	⁰⁸ 4.17	4.29	⁹² 4.40	⁸³ 4.52	⁷⁵ 4.64

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
12	0	3.66	3.72	3.78	3.84	3.90	3.96
12	1	⁵⁴ 3.68	⁵⁸ 3.74	⁶² 3.80	⁶⁷ 3.86	⁷¹ 3.92	⁷⁵ 3.98
12	1½	⁸¹ 3.69	⁸⁷ 3.75	⁹⁴ 3.81	3.88	⁰⁶ 3.94	¹² 4.00
12	2	⁰⁸ 3.71	¹⁷ 3.77	²⁵ 3.83	³³ 3.89	⁴² 3.95	⁵⁰ 4.01
12	3	⁶² 3.73	⁷⁵ 3.79	⁸⁷ 3.85	3.92	¹² 3.98	²⁵ 4.04
12	4	¹⁷ 3.76	³³ 3.82	⁵⁰ 3.88	⁶⁷ 3.94	⁸³ 4.00	4.07
12	4½	⁴⁴ 3.77	⁶² 3.83	⁸¹ 3.89	3.96	¹⁹ 4.02	³⁷ 4.08
12	5	⁷¹ 3.78	⁹² 3.84	¹² 3.91	³³ 3.97	⁵⁴ 4.03	⁷⁵ 4.09
12	6	²⁵ 3.81	⁵⁰ 3.87	⁷⁵ 3.93	4.00	²⁵ 4.06	⁵⁰ 4.12
12	7	⁷⁹ 3.83	⁰⁸ 3.90	³⁷ 3.96	⁶⁷ 4.02	⁹⁶ 4.08	²² 4.15
12	7½	⁰⁶ 3.85	³⁷ 3.91	⁶⁹ 3.97	4.04	³¹ 4.10	⁶² 4.16
12	8	³³ 3.86	⁶⁷ 3.92	3.99	³³ 4.05	⁶⁷ 4.11	4.18
12	9	⁸⁷ 3.88	²⁵ 3.95	⁶² 4.01	4.08	³⁷ 4.14	⁷⁵ 4.20
12	10	⁴² 3.91	⁸³ 3.97	²⁵ 4.04	⁶⁷ 4.10	⁰⁸ 4.17	⁵⁰ 4.23
12	10½	⁶⁹ 3.92	¹² 3.99	⁵⁶ 4.05	4.12	⁴⁴ 4.18	⁸⁷ 4.24
12	11	⁹⁶ 3.93	⁴² 4.00	⁸⁷ 4.06	³³ 4.13	⁷⁹ 4.19	²⁵ 4.26

67½	70	72½	75	80	85	90	95
4.02	4.08	4.14	4.20	4.32	4.44	4.56	4.68
⁷⁹ 4.04	⁸³ 4.10	⁸⁷ 4.16	⁹² 4.22	4.35	⁰⁸ 4.47	¹⁷ 4.59	²⁵ 4.71
¹⁹ 4.06	²⁵ 4.12	³¹ 4.18	³⁷ 4.24	⁵⁰ 4.36	⁶² 4.48	⁷⁵ 4.60	⁸⁷ 4.72
⁵⁸ 4.07	⁶⁷ 4.13	⁷⁵ 4.19	⁸³ 4.25	4.38	¹⁷ 4.50	³³ 4.62	⁵⁰ 4.74
⁸⁷ 4.10	⁵⁰ 4.16	⁶² 4.22	⁷⁵ 4.28	4.41	²⁵ 4.53	⁵⁰ 4.65	⁷⁵ 4.77
¹⁷ 4.13	⁸³ 4.19	⁵⁰ 4.25	⁶⁷ 4.31	4.44	³³ 4.56	⁶⁷ 4.68	4.81
⁵⁸ 4.14	⁷⁵ 4.20	⁹⁴ 4.26	¹² 4.33	⁵⁰ 4.45	⁸⁷ 4.57	²⁵ 4.70	⁶² 4.82
⁹⁸ 4.15	¹⁷ 4.22	³⁷ 4.28	⁵⁸ 4.34	4.47	⁴² 4.59	⁸⁸ 4.71	²⁵ 4.84
⁷⁵ 4.18	4.25	²⁵ 4.31	⁵⁰ 4.37	4.50	⁵⁰ 4.62	4.75	⁵⁰ 4.87
⁵⁴ 4.21	⁸⁸ 4.27	¹² 4.34	⁴² 4.40	4.53	⁵⁸ 4.65	¹⁷ 4.78	⁷⁵ 4.90
⁹⁴ 4.22	²⁵ 4.29	⁵⁶ 4.35	⁸⁷ 4.41	⁵⁰ 4.54	¹² 4.67	⁷⁵ 4.79	⁸⁷ 4.92
³³ 4.24	⁶⁷ 4.30	4.37	³³ 4.43	4.56	⁶⁷ 4.68	³³ 4.81	4.94
¹² 4.27	⁵⁰ 4.33	⁸⁷ 4.39	²⁵ 4.46	4.59	⁷⁵ 4.71	⁵⁰ 4.84	²⁵ 4.97
⁹² 4.29	⁸³ 4.36	⁷⁵ 4.42	¹⁷ 4.49	4.62	⁸⁸ 4.74	⁶⁷ 4.87	⁵⁰ 5.00
³¹ 4.31	⁷⁵ 4.37	¹⁹ 4.44	⁶² 4.50	⁵⁰ 4.63	⁸⁷ 4.76	²⁵ 4.89	¹² 5.02
⁷¹ 4.32	¹⁷ 4.39	⁶² 4.45	⁰⁸ 4.52	4.65	⁹² 4.77	⁸⁸ 4.90	⁷⁵ 5.03

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
13	0	⁶⁰ 3.96	4.03	⁶⁰ 4.09	4.16	⁶⁰ 4.22	4.29
13	1	⁰⁴ 3.99	⁶⁸ 4.05	¹² 4.12	⁶⁷ 4.18	²¹ 4.25	⁷⁶ 4.31
13	1½	⁸¹ 4.00	⁸⁷ 4.06	⁴⁴ 4.13	4.20	⁶⁰ 4.26	¹² 4.33
13	2	⁶⁸ 4.01	¹⁷ 4.08	⁷⁶ 4.14	⁸³ 4.21	⁹² 4.27	⁶⁰ 4.34
13	3	¹² 4.04	⁷⁶ 4.10	⁸⁷ 4.17	4.24	⁶² 4.30	²⁶ 4.37
13	4	⁶⁷ 4.06	⁸³ 4.13	4.20	⁶⁷ 4.26	⁸³ 4.33	4.40
13	4½	⁰⁴ 4.07	⁶² 4.14	⁸¹ 4.21	4.28	⁶⁹ 4.34	⁸⁷ 4.41
13	5	²¹ 4.09	⁹² 4.15	⁶² 4.22	⁸³ 4.29	⁰⁴ 4.36	⁷⁶ 4.42
13	6	⁷⁶ 4.11	⁶⁰ 4.18	²⁶ 4.25	4.32	⁷⁶ 4.38	⁶⁰ 4.45
13	7	²⁹ 4.14	⁰⁸ 4.21	⁸⁷ 4.27	⁶⁷ 4.34	⁴⁶ 4.41	²⁶ 4.48
13	7½	⁶⁶ 4.15	⁸⁷ 4.22	¹⁹ 4.29	4.36	⁸¹ 4.42	⁶² 4.49
13	8	⁸⁸ 4.16	⁶⁷ 4.23	⁶⁰ 4.30	⁸³ 4.37	¹⁷ 4.44	4.51
13	9	⁸⁷ 4.19	²⁶ 4.26	¹² 4.33	4.40	⁸⁷ 4.46	⁷⁶ 4.53
13	10	⁹² 4.21	⁸³ 4.28	⁷⁶ 4.35	⁶⁷ 4.42	⁶⁸ 4.49	⁶⁰ 4.56
13	10½	¹⁹ 4.23	¹² 4.30	⁰⁶ 4.37	4.44	⁹⁴ 4.50	⁸⁷ 4.57
13	11	⁴⁶ 4.24	⁴² 4.31	⁸⁷ 4.38	⁸³ 4.45	²⁹ 4.52	²⁶ 4.59

67½	70	72½	75	80	85	90	95
⁵⁰ 4.35	4.42	⁵⁰ 4.48	4.55	4.68	4.81	4.94	5.07
²⁹ 4.38	⁸⁸ 4.44	⁸⁷ 4.51	⁹² 4.57	4.71	⁰⁸ 4.84	¹⁷ 4.97	²⁵ 5.10
⁶⁰ 4.39	²⁵ 4.46	⁸¹ 4.52	⁸⁷ 4.59	⁵⁰ 4.72	⁰² 4.85	⁷⁵ 4.98	⁸⁷ 5.11
⁰⁸ 4.41	⁰⁷ 4.47	²⁵ 4.54	⁸⁸ 4.60	4.74	¹⁷ 4.87	⁸³ 5.00	⁵⁰ 5.13
⁸⁷ 4.43	⁵⁰ 4.50	¹² 4.57	⁷⁵ 4.63	4.77	²⁵ 4.90	⁵⁰ 5.03	⁷⁵ 5.16
⁶⁷ 4.46	⁸³ 4.53	4.60	⁶⁷ 4.66	4.80	³⁸ 4.93	⁶⁷ 5.06	5.20
⁰⁶ 4.48	⁷⁵ 4.54	⁴⁴ 4.61	¹² 4.68	⁵⁰ 4.81	⁸⁷ 4.94	²⁵ 5.08	⁰² 5.21
⁴⁶ 4.49	¹⁷ 4.56	⁸⁷ 4.62	⁵⁸ 4.69	4.83	⁴² 4.96	⁸³ 5.09	²⁵ 5.23
²⁵ 4.52	4.59	⁷⁵ 4.65	⁵⁰ 4.72	4.86	⁵⁰ 4.99	5.13	⁵⁰ 5.26
⁰⁴ 4.55	⁸⁸ 4.61	⁶² 4.68	⁴² 4.75	4.89	⁵⁸ 5.02	¹⁷ 5.16	⁷⁵ 5.29
⁴⁴ 4.56	²⁵ 4.63	⁰⁶ 4.70	⁸⁷ 4.76	⁵⁰ 4.90	¹² 5.04	⁷⁵ 5.17	³⁷ 5.31
⁸³ 4.57	⁶⁷ 4.64	⁵⁰ 4.71	⁸³ 4.78	4.92	⁶⁷ 5.05	⁸⁸ 5.19	5.33
⁶² 4.60	⁵⁰ 4.67	⁸⁷ 4.74	²⁵ 4.81	4.91	⁷⁵ 5.08	⁵⁰ 5.22	²⁵ 5.36
⁴² 4.63	⁸³ 4.70	²⁵ 4.77	¹⁷ 4.84	4.98	⁸³ 5.11	⁶⁷ 5.25	⁵⁰ 5.39
⁸¹ 4.64	⁷⁵ 4.71	⁶⁹ 4.78	⁶² 4.85	⁵⁰ 4.99	⁸⁷ 5.13	²⁵ 5.27	¹² 5.41
²¹ 4.66	¹⁷ 4.73	¹² 4.80	⁰⁸ 4.87	5.01	⁹² 5.14	⁸⁸ 5.28	⁷⁵ 5.42

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
14	0	4.27	4.34	4.41	4.48	4.55	4.62
14	1	⁵⁴ 4.29	⁵⁹ 4.36	⁶² 4.43	⁶⁷ 4.50	⁷¹ 4.57	⁷⁵ 4.64
14	1½	⁸¹ 4.30	⁸⁷ 4.37	⁹⁴ 4.44	4.52	⁹⁶ 4.59	¹² 4.66
14	2	⁰⁸ 4.32	¹⁷ 4.39	²⁵ 4.46	³³ 4.53	⁴² 4.60	⁵⁰ 4.67
14	3	⁶² 4.34	⁷⁵ 4.41	⁸⁷ 4.48	4.56	¹² 4.63	²⁶ 4.70
14	4	¹⁷ 4.37	³³ 4.44	⁵⁰ 4.51	⁶⁷ 4.58	⁸³ 4.65	4.73
14	4½	⁴⁴ 4.38	⁶² 4.45	⁸¹ 4.52	4.60	¹⁹ 4.67	³⁷ 4.74
14	5	⁷¹ 4.39	⁹² 4.46	¹² 4.54	³³ 4.61	⁵⁴ 4.68	⁷⁵ 4.75
14	6	²⁵ 4.42	⁵⁰ 4.49	⁷⁵ 4.56	4.64	²⁵ 4.71	⁵⁰ 4.78
14	7	⁷⁹ 4.44	⁰⁸ 4.52	³⁷ 4.59	⁶⁷ 4.66	⁹⁶ 4.73	²⁵ 4.81
14	7½	⁰⁶ 4.46	³⁷ 4.53	⁶⁹ 4.60	4.68	³¹ 4.75	⁶⁷ 4.82
14	8	³³ 4.47	⁶⁷ 4.54	4.62	³³ 4.69	⁶⁷ 4.76	4.84
14	9	⁸⁷ 4.49	²⁵ 4.57	⁶² 4.64	4.72	³⁷ 4.79	⁷⁵ 4.86
14	10	⁴² 4.52	³³ 4.59	²⁵ 4.67	⁶⁷ 4.74	⁰⁸ 4.82	⁵⁰ 4.89
14	10½	⁶⁹ 4.53	¹² 4.61	⁵⁶ 4.68	4.76	⁴⁴ 4.83	³⁷ 4.90
14	11	⁹⁶ 4.54	⁴² 4.62	³⁷ 4.69	³³ 4.77	⁷⁹ 4.84	²⁵ 4.92

67½	70	72½	75	80	85	90	95
4.69	4.76	4.83	4.90	5.04	5.18	5.32	5.46
⁷⁹ 4.71	⁸³ 4.78	⁸⁷ 4.85	⁹² 4.92	5.07	⁹⁸ 5.21	¹⁷ 5.35	²⁵ 5.49
¹⁹ 4.73	²⁵ 4.80	⁸¹ 4.87	⁸⁷ 4.94	⁵⁰ 5.08	⁶² 5.22	⁷⁵ 5.36	⁸⁷ 5.50
⁵⁸ 4.74	⁶⁷ 4.81	⁷⁵ 4.88	⁸³ 4.95	5.10	¹⁷ 5.24	²³ 5.38	⁵⁰ 5.52
⁸⁷ 4.77	⁵⁰ 4.84	⁶² 4.91	⁷⁵ 4.98	5.13	²⁵ 5.27	⁵⁰ 5.41	⁷⁵ 5.55
¹⁷ 4.80	³⁸ 4.87	⁵⁰ 4.94	⁶⁷ 5.01	5.16	³³ 5.30	⁶⁷ 5.44	5.59
⁵⁰ 4.81	⁷⁵ 4.88	⁹⁴ 4.95	¹² 5.03	⁵⁰ 5.17	⁸⁷ 5.31	²⁵ 5.46	⁶² 5.60
⁹⁸ 4.82	¹⁷ 4.90	³⁷ 4.97	⁵⁸ 5.04	5.19	⁴² 5.33	⁸³ 5.47	²⁵ 5.62
⁷⁵ 4.85	4.93	²⁵ 5.00	⁵⁰ 5.07	5.22	⁵⁰ 5.36	5.51	⁵⁰ 5.65
⁵⁴ 4.88	⁸³ 4.95	¹² 5.03	⁴² 5.10	5.25	⁵⁸ 5.39	¹⁷ 5.54	⁷⁵ 5.68
⁹⁴ 4.89	²⁵ 4.97	⁵⁸ 5.04	⁸⁷ 5.11	⁵⁰ 5.26	¹² 5.41	⁷⁵ 5.55	⁸⁷ 5.70
³⁸ 4.91	⁶⁷ 4.98	5.06	³⁸ 5.13	5.28	⁶⁷ 5.42	³⁸ 5.57	5.72
¹² 4.94	⁵⁰ 5.01	⁸⁷ 5.08	²⁵ 5.16	5.31	⁷⁵ 5.45	⁵⁰ 5.60	²⁵ 5.75
⁹² 4.96	⁸³ 5.04	⁷⁵ 5.11	¹⁷ 5.19	5.34	⁸³ 5.48	⁶⁷ 5.63	⁵⁰ 5.78
⁸¹ 4.98	⁷⁵ 5.05	¹⁹ 5.13	⁶² 5.20	⁵⁰ 5.35	⁸⁷ 5.50	²⁵ 5.65	¹² 5.80
⁷¹ 4.99	¹⁷ 5.07	⁶² 5.14	⁹⁸ 5.22	5.37	⁹² 5.51	⁸⁸ 5.66	⁷⁵ 5.81

<i>s.</i> <i>d.</i>	52½	55	57½	60	62½	65
15 0	⁵⁰ 4.57	4.65	⁵⁰ 4.72	4.80	⁵⁰ 4.87	4.95
15 1	⁰⁴ 4.60	⁵⁸ 4.67	¹² 4.75	⁶⁷ 4.82	²¹ 4.90	⁷⁵ 4.97
15 2	⁵⁸ 4.62	¹⁷ 4.70	⁷⁵ 4.77	³³ 4.85	⁹² 4.92	⁵⁰ 5.00
15 3	¹² 4.65	⁷⁵ 4.72	³⁷ 4.80	4.88	⁶² 4.95	²⁵ 5.03
15 4	⁶⁷ 4.67	³³ 4.75	4.83	⁶⁷ 4.90	³³ 4.98	5.06
15 5	²¹ 4.70	⁹² 4.77	⁶² 4.85	³³ 4.93	⁰⁴ 5.01	⁷⁵ 5.08
15 6	⁷⁵ 4.72	⁵⁰ 4.80	²⁵ 4.88	4.96	⁷⁵ 5.03	⁵⁰ 5.11
15 7	²⁹ 4.75	⁰⁸ 4.83	⁸⁷ 4.90	⁶⁷ 4.98	⁴⁶ 5.06	²⁵ 5.14
15 8	⁸³ 4.77	⁶⁷ 4.85	⁵⁰ 4.93	³³ 5.01	¹⁷ 5.09	5.17
15 9	⁸⁷ 4.80	²⁵ 4.88	¹² 4.96	5.04	⁸⁷ 5.11	⁷⁵ 5.19
15 10	⁹² 4.82	⁵³ 4.90	⁷⁵ 4.98	⁶⁷ 5.06	⁵⁸ 5.14	⁵⁰ 5.22
15 11	⁴⁶ 4.85	⁴² 4.93	⁸⁷ 5.01	³³ 5.09	²⁹ 5.17	²⁵ 5.25
16 0	4.88	4.96	5.04	5.12	5.20	5.28
16 1	⁵⁴ 4.90	⁵⁸ 4.98	⁶² 5.06	⁶⁷ 5.14	⁷¹ 5.22	⁷⁵ 5.30
16 2	⁰⁸ 4.93	¹⁷ 5.01	²⁵ 5.09	³⁸ 5.17	⁴² 5.25	⁵⁰ 5.33
16 3	⁶² 4.95	⁷⁵ 5.03	⁸⁷ 5.11	5.20	¹² 5.28	²⁵ 5.36

67½	70	72½	75	80	85	90	95
⁵⁰ 5.02	5.10	⁵⁰ 5.17	5.25	5.40	5.55	5.70	5.85
²⁹ 5.05	⁸³ 5.12	⁸⁷ 5.20	⁹² 5.27	5.43	⁰⁸ 5.58	¹⁷ 5.73	²⁵ 5.88
⁰⁸ 5.08	⁶⁷ 5.15	²⁵ 5.23	⁸³ 5.30	5.46	¹⁷ 5.61	³³ 5.76	⁵⁰ 5.91
⁸⁷ 5.10	⁵⁰ 5.18	¹² 5.26	⁷⁵ 5.33	5.49	²⁵ 5.64	⁵⁰ 5.79	⁷⁵ 5.94
⁶⁷ 5.13	³³ 5.21	5.29	⁶⁷ 5.36	5.52	³³ 5.67	⁶⁷ 5.82	5.98
⁴⁶ 5.16	¹⁷ 5.24	⁸⁷ 5.31	⁵⁸ 5.39	5.55	⁴² 5.70	⁸³ 5.85	²⁵ 6.01
²⁵ 5.19	5.27	⁷⁵ 5.34	⁵⁰ 5.42	5.58	⁵⁰ 5.73	5.89	⁵⁰ 6.04
⁰⁴ 5.22	⁸³ 5.29	⁶² 5.37	⁴² 5.45	5.61	⁵⁸ 5.76	¹⁷ 5.92	⁷⁵ 6.07
⁸³ 5.24	⁶⁷ 5.32	⁵⁰ 5.40	³³ 5.48	5.64	⁶⁷ 5.79	³³ 5.95	6.11
⁶² 5.27	⁵⁰ 5.35	⁸⁷ 5.43	²⁵ 5.51	5.67	⁷⁵ 5.82	⁵⁰ 5.98	²⁵ 6.14
⁴² 5.30	³³ 5.38	²⁵ 5.46	¹⁷ 5.54	5.70	⁸³ 5.85	⁶⁷ 6.01	⁵⁰ 6.17
²¹ 5.33	¹⁷ 5.41	¹² 5.49	⁰⁸ 5.57	5.73	⁹² 5.88	⁸³ 6.04	⁷⁵ 6.20
5.36	5.44	5.52	5.60	5.76	5.92	6.08	6.24
⁷⁹ 5.38	⁸² 5.46	⁸⁷ 5.54	⁹² 5.62	5.79	⁰⁸ 5.95	¹⁷ 6.11	²⁵ 6.27
⁵⁸ 5.41	⁶⁷ 5.49	⁷⁵ 5.57	⁸³ 5.65	5.82	¹⁷ 5.98	³³ 6.14	⁵⁰ 6.30
³⁷ 5.44	⁵⁰ 5.52	⁶² 5.60	⁷⁵ 5.68	5.85	²⁵ 6.01	⁵⁰ 6.17	⁷⁵ 6.33

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
16	4	¹⁷ 4.98	⁸³ 5.06	⁵⁰ 5.14	⁶⁷ 5.22	⁸³ 5.30	⁷⁵ 5.39
16	5	⁷¹ 5.00	⁹² 5.08	¹² 5.17	⁸³ 5.25	⁵⁴ 5.33	⁷⁵ 5.41
16	6	²⁵ 5.03	⁵⁰ 5.11	⁷⁵ 5.19	²⁵ 5.28	⁵⁰ 5.36	⁵⁰ 5.44
16	7	⁷⁹ 5.05	⁰⁸ 5.14	⁸⁷ 5.22	⁶⁷ 5.30	⁹⁶ 5.38	²⁵ 5.47
16	8	⁸³ 5.08	⁶⁷ 5.16	³³ 5.25	⁶⁷ 5.33	⁶⁷ 5.41	⁷⁵ 5.50
16	9	⁸⁷ 5.10	²⁵ 5.19	⁶² 5.27	⁸⁷ 5.36	⁷⁵ 5.44	⁷⁵ 5.52
16	10	⁴² 5.13	⁸³ 5.21	²⁵ 5.30	⁶⁷ 5.38	⁰⁸ 5.47	⁵⁰ 5.55
16	11	⁹⁶ 5.15	⁴² 5.24	⁸⁷ 5.32	³³ 5.41	⁷⁹ 5.49	²⁵ 5.58
17	0	⁵⁰ 5.18	⁵⁰ 5.27	⁵⁰ 5.35	⁵⁰ 5.44	⁵⁰ 5.52	⁵⁰ 5.61
17	1	⁰⁴ 5.21	⁵⁸ 5.29	¹² 5.38	⁶⁷ 5.46	²¹ 5.55	⁷⁵ 5.63
17	2	⁵⁸ 5.23	¹⁷ 5.32	⁷⁵ 5.40	⁸³ 5.49	⁹² 5.57	⁵⁰ 5.66
17	3	¹² 5.26	⁷⁵ 5.34	⁸⁷ 5.43	⁶² 5.52	²⁵ 5.60	²⁵ 5.69
17	4	⁶⁷ 5.28	⁸⁸ 5.37	⁶⁷ 5.46	⁸³ 5.54	⁰⁴ 5.63	⁷⁵ 5.72
17	5	²¹ 5.31	⁹⁰ 5.39	⁶² 5.48	⁸³ 5.57	⁰⁴ 5.66	⁷⁵ 5.74
17	6	⁷⁵ 5.33	⁵⁰ 5.42	²⁵ 5.51	⁷⁵ 5.60	⁵⁰ 5.68	⁵⁰ 5.77
17	7	²⁹ 5.36	⁰⁸ 5.45	⁸⁷ 5.53	⁶⁷ 5.62	⁴⁸ 5.71	²⁵ 5.80

67½	70	72½	75	80	85	90	95
¹⁷ 5.47	⁸³ 5.55	⁵⁰ 5.63	⁶⁷ 5.71	5.88	⁸³ 6.04	⁶⁷ 6.20	6.37
⁹⁶ 5.49	¹⁷ 5.58	⁸⁷ 5.66	⁵⁸ 5.74	5.91	⁴² 6.07	⁸³ 6.23	²⁵ 6.40
⁷⁵ 5.52	5.61	²⁵ 5.69	⁵⁰ 5.77	5.94	⁵⁰ 6.10	6.27	⁵⁰ 6.43
⁵⁴ 5.55	⁸³ 5.63	¹² 5.72	⁴² 5.80	5.97	⁵⁸ 6.13	¹⁷ 6.30	⁷⁵ 6.46
⁸³ 5.58	⁶⁷ 5.66	5.75	⁸³ 5.83	6.00	⁶⁷ 6.16	⁸³ 6.33	6.50
¹² 5.61	⁵⁰ 5.69	⁸⁷ 5.77	²⁵ 5.86	6.03	⁷⁵ 6.19	⁵⁰ 6.36	²⁵ 6.53
⁹² 5.63	⁸³ 5.72	⁷⁵ 5.80	¹⁷ 5.89	6.06	⁸³ 6.22	⁶⁷ 6.39	⁵⁰ 6.56
⁷¹ 5.66	¹⁷ 5.75	⁶² 5.83	⁰⁸ 5.92	6.09	⁹² 6.25	⁸³ 6.42	⁷⁵ 6.59
⁵⁰ 5.69	5.78	⁵⁰ 5.86	5.95	6.12	6.29	6.46	6.63
²⁹ 5.72	⁸³ 5.80	⁸⁷ 5.89	⁹² 5.97	6.15	⁰⁸ 6.32	¹⁷ 6.49	²⁵ 6.66
⁰⁸ 5.75	⁶⁷ 5.83	²⁵ 5.92	⁸³ 6.00	6.18	¹⁷ 6.35	⁸³ 6.52	⁵⁰ 6.69
⁸⁷ 5.77	⁵⁰ 5.86	¹² 5.95	⁷⁵ 6.03	6.21	²⁵ 6.38	⁵⁰ 6.55	⁷⁵ 6.72
⁶⁷ 5.80	⁸³ 5.89	5.98	⁶⁷ 6.06	6.24	⁸³ 6.41	⁶⁷ 6.58	6.76
⁴⁸ 5.85	¹⁷ 5.92	⁸⁷ 6.00	⁵⁸ 6.09	6.27	⁴² 6.44	⁸³ 6.61	²⁵ 6.79
²⁵ 5.86	5.95	⁷⁵ 6.03	⁵⁰ 6.12	6.30	⁵⁰ 6.47	6.65	⁵⁰ 6.82
⁰⁴ 5.89	⁸³ 5.97	⁶² 6.06	⁴² 6.15	6.33	⁵⁸ 6.50	¹⁷ 6.68	⁷⁵ 6.85

s. d.	52½	55	57½	60	62½	65
17 8	⁸⁸ 5.38	⁶⁷ 5.47	⁵⁰ 5.56	⁸⁸ 5.65	¹⁷ 5.74	5.83
17 9	⁸⁷ 5.41	²⁵ 5.50	¹² 5.59	5.68	⁸⁷ 5.76	⁷⁵ 5.85
17 10	⁹² 5.43	⁶⁸ 5.52	⁷⁵ 5.61	⁶⁷ 5.70	⁵⁸ 5.79	⁵⁰ 5.88
17 11	⁵⁶ 5.46	⁴² 5.55	³⁷ 5.64	⁸⁸ 5.73	²⁹ 5.82	²⁵ 5.91
18 0	5.49	5.58	5.67	5.76	5.85	5.94
18 1	⁵⁴ 5.51	⁵⁹ 5.60	⁶² 5.69	⁶⁷ 5.78	⁷¹ 5.87	⁷⁵ 5.96
18 2	⁰⁸ 5.54	¹⁷ 5.63	²⁵ 5.72	⁸⁸ 5.81	⁴² 5.90	⁵⁰ 5.99
18 3	⁶² 5.56	⁷⁵ 5.65	⁸⁷ 5.74	5.84	¹² 5.93	²⁵ 6.02
18 4	¹⁷ 5.59	³³ 5.68	⁵⁰ 5.77	⁶⁷ 5.86	⁸⁸ 5.95	6.05
18 5	⁷¹ 5.61	⁹² 5.70	¹² 5.80	⁸⁸ 5.89	⁵⁴ 5.98	⁷⁵ 6.07
18 6	²⁵ 5.64	⁵⁰ 5.73	⁷⁵ 5.82	5.92	²⁵ 6.01	⁵⁰ 6.10
18 7	⁷⁹ 5.66	⁰⁸ 5.76	⁸⁷ 5.85	⁶⁷ 5.94	⁹⁰ 6.03	²⁵ 6.13
18 8	⁸⁸ 5.69	⁶⁷ 5.78	5.88	⁸⁸ 5.97	⁶⁷ 6.06	6.16
18 9	⁸⁷ 5.71	²⁵ 5.81	⁶² 5.90	6.00	⁸⁷ 6.09	⁷⁵ 6.18
18 10	⁴² 5.74	⁸⁸ 5.83	²⁵ 5.93	⁶⁷ 6.02	⁰⁵ 6.12	⁵⁰ 6.21
18 11	⁹⁶ 5.76	⁴² 5.86	⁸⁷ 5.95	⁸⁸ 6.05	⁷⁹ 6.14	²⁵ 6.24

ADVANCE TABLES.

57

67½	70	72½	75	80	85	90	95
⁸³ 5.91	⁶⁷ 6.00	⁵⁰ 6.09	⁸³ 6.18	6.36	⁶⁷ 6.53	⁸³ 6.71	6.89
⁶² 5.94	⁵⁰ 6.03	⁸⁷ 6.12	²⁵ 6.21	6.39	⁷⁵ 6.56	⁵⁰ 6.74	²⁵ 6.92
⁴² 5.97	³³ 6.06	²⁵ 6.15	¹⁷ 6.24	6.42	⁸³ 6.59	⁶⁷ 6.77	⁵⁰ 6.95
²¹ 6.00	¹⁷ 6.09	¹² 6.18	⁰⁸ 6.27	6.45	⁹² 6.62	⁸³ 6.80	⁷⁵ 6.98
6.03	6.12	6.21	6.30	6.48	6.66	6.84	7.02
⁷⁹ 6.05	⁸³ 6.14	⁸⁷ 6.23	⁹² 6.32	6.51	⁰⁸ 6.69	¹⁷ 6.87	²⁵ 7.05
⁵⁸ 6.08	⁶⁷ 6.17	⁷⁵ 6.26	⁸³ 6.35	6.54	¹⁷ 6.72	⁸³ 6.90	⁵⁰ 7.08
⁸⁷ 6.11	⁵⁰ 6.20	⁶² 6.29	⁷⁵ 6.38	6.57	²⁵ 6.75	⁵⁰ 6.93	⁷⁵ 7.11
¹⁷ 6.14	⁸³ 6.23	⁵⁰ 6.32	⁶⁷ 6.41	6.60	⁸³ 6.78	⁶⁷ 6.96	7.15
⁹⁶ 6.16	¹⁷ 6.26	⁸⁷ 6.35	⁵⁸ 6.44	6.63	⁴² 6.81	⁸³ 6.99	²⁵ 7.18
⁷⁵ 6.19	6.29	²⁵ 6.38	⁵⁰ 6.47	6.66	⁵⁰ 6.84	7.03	⁵⁰ 7.21
⁵⁴ 6.22	⁸³ 6.31	¹² 6.41	⁴² 6.50	6.69	⁵⁸ 6.87	¹⁷ 7.06	⁷⁵ 7.24
⁸³ 6.25	⁶⁷ 6.34	6.44	²³ 6.53	6.72	⁶⁷ 6.90	⁸³ 7.09	7.28
¹² 6.28	⁵⁰ 6.37	⁸⁷ 6.46	²⁵ 6.56	6.75	⁷⁵ 6.93	⁵⁰ 7.12	²⁵ 7.31
⁹² 6.30	⁸³ 6.40	⁷⁵ 6.49	¹⁷ 6.59	6.78	⁸⁸ 6.96	⁶⁷ 7.15	⁵⁰ 7.34
⁷¹ 6.33	¹⁷ 6.43	⁶² 6.52	⁰⁸ 6.62	6.81	⁹² 6.99	⁸⁶ 7.18	⁷⁵ 7.37

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
19	0	⁵⁰ 5.79	5.89	⁵⁰ 5.98	6.08	⁵⁰ 6.17	6.27
19	1	⁰⁴ 5.82	⁵⁸ 5.91	¹² 6.01	⁶⁷ 6.10	²¹ 6.20	⁷⁸ 6.29
19	2	⁵⁸ 5.84	¹⁷ 5.94	⁷⁵ 6.03	⁸³ 6.13	⁹² 6.22	⁵⁰ 6.32
19	3	¹² 5.87	⁷⁵ 5.96	⁸⁷ 6.06	6.16	⁶² 6.25	²⁵ 6.35
19	4	⁶⁷ 5.89	⁸⁸ 5.99	6.09	⁶⁷ 6.18	⁸⁸ 6.28	6.38
19	5	²¹ 5.92	⁹² 6.01	⁶² 6.11	⁸³ 6.21	⁰⁴ 6.31	⁷⁵ 6.40
19	6	⁷⁵ 5.94	⁵⁰ 6.04	²⁵ 6.14	6.24	⁷⁵ 6.33	⁵⁰ 6.43
19	7	²⁹ 5.97	⁰⁸ 6.07	⁸⁷ 6.16	⁶⁷ 6.26	⁴⁶ 6.36	²⁵ 6.46
19	8	⁸⁸ 5.99	⁶⁷ 6.09	⁵⁰ 6.19	³³ 6.29	¹⁷ 6.39	6.49
19	9	³⁷ 6.02	²⁵ 6.12	¹² 6.22	6.32	⁸⁷ 6.41	⁷⁵ 6.51
19	10	⁹² 6.04	⁸⁸ 6.14	⁷⁵ 6.24	⁶⁷ 6.34	⁵⁸ 6.44	⁵⁰ 6.54
19	11	⁴⁶ 6.07	⁴² 6.17	⁸⁷ 6.27	⁸⁸ 6.37	²⁹ 6.47	²⁵ 6.57
20	0	6.10	6.20	6.30	6.40	6.50	6.60
20	1	⁶² 6.17	⁷⁵ 6.27	⁸⁷ 6.37	6.48	¹² 6.58	²⁵ 6.68
20	6	²⁵ 6.25	⁵⁰ 6.35	⁷⁵ 6.45	6.56	²⁵ 6.66	⁵⁰ 6.76
20	9	⁸⁷ 6.32	²⁵ 6.43	⁶² 6.53	6.64	⁸⁷ 6.74	⁷⁵ 6.84

67½	70	72½	75	80	85	90	95
⁵⁰ 6.36	6.46	⁵⁰ 6.55	6.65	6.84	7.03	7.22	7.41
²⁹ 6.39	⁸³ 6.48	⁸⁷ 6.58	⁹² 6.67	6.87	⁰⁸ 7.06	¹⁷ 7.25	²⁵ 7.44
⁰⁸ 6.42	⁶⁷ 6.51	²⁵ 6.61	⁸³ 6.70	6.90	¹⁷ 7.09	⁸³ 7.28	⁸⁰ 7.47
⁸⁷ 6.44	⁵⁰ 6.54	¹² 6.64	⁷⁵ 6.73	6.93	²⁵ 7.12	⁵⁰ 7.31	⁷⁵ 7.50
⁶⁷ 6.47	⁸³ 6.57	6.67	⁶⁷ 6.76	6.96	⁸³ 7.15	⁶⁷ 7.34	7.54
⁴⁶ 6.50	¹⁷ 6.60	⁸⁷ 6.69	⁵⁸ 6.79	6.99	⁴² 7.18	⁸³ 7.37	²⁵ 7.57
²⁵ 6.53	6.63	⁷⁵ 6.72	⁵⁰ 6.82	7.02	⁵⁰ 7.21	7.41	⁵⁰ 7.60
⁰⁴ 6.56	⁸³ 6.65	⁶² 6.75	⁴² 6.85	7.05	⁵⁸ 7.24	¹⁷ 7.44	⁷⁵ 7.63
⁸³ 6.58	⁶⁷ 6.68	⁵⁰ 6.78	⁸³ 6.88	7.08	⁶⁷ 7.27	⁸³ 7.47	7.67
⁶² 6.61	⁵⁰ 6.71	⁸⁷ 6.81	²⁵ 6.91	7.11	⁷⁵ 7.30	⁵⁰ 7.50	²⁵ 7.70
⁴² 6.64	⁸³ 6.74	²⁵ 6.84	¹⁷ 6.94	7.14	⁸³ 7.33	⁶⁷ 7.53	⁵⁰ 7.73
²¹ 6.67	¹⁷ 6.77	¹² 6.87	⁰⁸ 6.97	7.17	⁹² 7.36	⁸³ 7.56	⁷⁵ 7.76
6.70	6.80	6.90	7.00	7.20	7.40	7.60	7.80
⁸⁷ 6.78	⁵⁰ 6.88	⁶² 6.98	⁷⁵ 7.08	7.29	²⁵ 7.49	⁵⁰ 7.69	⁷⁵ 7.89
⁷⁵ 6.86	6.97	²⁵ 7.07	⁵⁰ 7.17	7.38	⁵⁰ 7.58	7.79	⁵⁰ 7.99
¹² 6.95	⁵⁰ 7.05	⁸⁷ 7.15	²⁵ 7.26	7.47	⁷⁵ 7.67	⁵⁰ 7.88	²⁵ 8.09

s.	d.	52½	55	57½	60	62½	65
21	0	⁵⁰ 6.40	6.51	⁵⁰ 6.61	6.72	⁵⁰ 6.82	6.93
21	3	¹² 6.48	⁷⁵ 6.58	⁸⁷ 6.69	6.80	⁶² 6.90	²⁵ 7.01
21	6	⁷⁵ 6.55	⁵⁰ 6.66	²⁵ 6.77	6.88	⁷⁵ 6.98	⁵⁰ 7.09
21	9	⁸⁷ 6.63	²⁵ 6.74	¹² 6.85	6.96	⁸⁷ 7.06	⁷⁵ 7.17
22	0	6.71	6.82	6.93	7.04	7.15	7.26
22	3	⁶² 6.78	⁷⁵ 6.89	⁸⁷ 7.00	7.12	¹² 7.23	²⁵ 7.34
22	6	²⁵ 6.86	⁵⁰ 6.97	⁷⁵ 7.08	7.20	²⁵ 7.31	⁵⁰ 7.42
22	9	⁸⁷ 6.93	²⁵ 7.05	⁶² 7.16	7.28	⁸⁷ 7.39	⁷⁵ 7.50
23	0	⁵⁰ 7.01	7.13	⁵⁰ 7.24	7.36	⁵⁰ 7.47	7.59
23	3	¹² 7.09	⁷⁵ 7.20	⁸⁷ 7.32	7.44	⁶² 7.55	²⁵ 7.67
23	6	⁷⁵ 7.16	⁵⁰ 7.28	²⁵ 7.40	7.52	⁷⁵ 7.63	⁵⁰ 7.75
23	9	⁸⁷ 7.24	²⁵ 7.36	¹² 7.48	7.60	⁸⁷ 7.71	⁷⁵ 7.83
24	0	7.32	7.44	7.56	7.68	7.80	7.92
24	3	⁶² 7.39	⁷⁵ 7.51	⁸⁷ 7.63	7.76	¹² 7.88	²⁵ 8.00
24	6	²⁵ 7.47	⁵⁰ 7.59	⁷⁵ 7.71	7.84	²⁵ 7.96	⁵⁰ 8.08
24	9	⁸⁷ 7.54	²⁵ 7.67	⁶² 7.79	7.92	⁸⁷ 8.04	⁷⁵ 8.16

67½	70	72½	75	80	85	90	95
⁵⁰ 7.03	7.14	⁵⁰ 7.24	7.35	7.56	7.77	7.98	8.19
⁸⁷ 7.11	⁵⁰ 7.22	¹² 7.33	⁷⁵ 7.43	7.65	²⁵ 7.86	⁵⁰ 8.07	⁷⁵ 8.28
²⁵ 7.20	7.31	⁷⁵ 7.41	⁵⁰ 7.52	7.74	⁵⁰ 7.95	8.17	⁵⁰ 8.38
⁶² 7.28	⁵⁰ 7.39	⁸⁷ 7.50	²⁵ 7.61	7.83	⁷⁵ 8.04	⁵⁰ 8.26	²⁵ 8.48
7.37	7.48	7.59	7.70	7.92	8.14	8.36	8.58
⁸⁷ 7.45	⁵⁰ 7.56	⁶² 7.67	⁷⁵ 7.78	8.01	²⁵ 8.23	⁵⁰ 8.45	⁷⁵ 8.67
⁷⁵ 7.53	7.65	²⁵ 7.76	⁵⁰ 7.87	8.10	⁵⁰ 8.32	8.55	⁵⁰ 8.77
¹² 7.62	⁵⁰ 7.73	⁸⁷ 7.84	²⁵ 7.96	8.19	⁷⁵ 8.41	⁵⁰ 8.64	²⁵ 8.87
⁵⁰ 7.70	7.82	⁵⁰ 7.93	8.05	8.28	8.51	8.74	8.97
⁸⁷ 7.78	⁵⁰ 7.90	¹² 8.02	⁷⁵ 8.13	8.37	²⁵ 8.60	⁵⁰ 8.83	⁷⁵ 9.06
²⁵ 7.87	7.99	⁷⁵ 8.10	⁵⁰ 8.22	8.46	⁵⁰ 8.69	8.93	⁵⁰ 9.16
⁶² 7.95	⁵⁰ 8.07	⁸⁷ 8.19	²⁵ 8.31	8.55	⁷⁵ 8.78	⁵⁰ 9.02	²⁵ 9.26
8.04	8.16	8.28	8.40	8.64	8.88	9.12	9.36
⁸⁷ 8.12	⁵⁰ 8.24	⁶² 8.36	⁷⁵ 8.48	8.73	²⁵ 8.97	⁵⁰ 9.21	⁷⁵ 9.45
⁷⁵ 8.20	8.33	²⁵ 8.45	⁵⁰ 8.57	8.82	⁵⁰ 9.06	9.31	⁵⁰ 9.55
¹² 8.29	⁵⁰ 8.41	⁸⁷ 8.53	²⁵ 8.66	8.91	⁷⁵ 9.15	⁵⁰ 9.40	²⁵ 9.65

s.	d.	52½	55	57½	60	62½	65
25	0	⁵⁰ 7.62	7.75	⁵⁰ 7.87	8.00	⁵⁰ 8.12	8.25
25	3	¹² 7.70	⁷⁵ 7.82	⁸⁷ 7.95	8.08	⁶² 8.20	²⁵ 8.33
25	6	⁷⁵ 7.77	⁵⁰ 7.90	²⁵ 8.03	8.16	⁷⁵ 8.28	⁵⁰ 8.41
25	9	⁸⁷ 7.85	²⁵ 7.98	¹² 8.11	8.24	⁸⁷ 8.36	⁷⁵ 8.49
26	0	7.93	8.06	8.19	8.32	8.45	8.58
26	3	⁶² 8.00	⁷⁵ 8.13	⁸⁷ 8.26	8.40	¹² 8.53	²⁵ 8.66
26	6	²⁵ 8.08	⁵⁰ 8.21	⁷⁵ 8.34	8.48	²⁵ 8.61	⁵⁰ 8.74
26	9	⁸⁷ 8.15	²⁵ 8.29	⁶² 8.42	8.56	⁸⁷ 8.69	⁷⁵ 8.82
27	0	⁵⁰ 8.23	8.37	⁵⁰ 8.50	8.64	⁵⁰ 8.77	8.91
27	3	¹² 8.31	⁷⁵ 8.44	⁸⁷ 8.58	8.72	⁶² 8.85	²⁵ 8.99
27	6	⁷⁵ 8.38	⁵⁰ 8.52	²⁵ 8.66	8.80	⁷⁵ 8.93	⁵⁰ 9.07
27	9	⁸⁷ 8.46	²⁵ 8.60	¹² 8.74	8.88	⁸⁷ 9.01	⁷⁵ 9.15
28	0	8.54	8.68	8.82	8.96	9.10	9.24
28	3	⁶² 8.61	⁷⁵ 8.75	⁸⁷ 8.89	9.04	¹² 9.18	²⁵ 9.32
28	6	²⁵ 8.69	⁵⁰ 8.83	⁷⁵ 8.97	9.12	²⁵ 9.26	⁵⁰ 9.40
28	9	⁸⁷ 8.76	²⁵ 8.91	⁶² 9.05	9.20	²⁷ 9.34	⁷⁵ 9.48

65	67½	70	72½	75	80	85	90	95
8.25 ⁵⁰	8.37 ⁵⁰	8.50	8.62 ⁵⁰	8.75	9.00	9.25	9.50	9.75
8.33 ²⁵	8.45 ⁸⁷	8.58 ⁵⁰	8.71 ¹²	8.86 ⁷⁵	9.09	9.34 ²⁵	9.59 ⁵⁰	9.84 ⁷⁵
8.41 ⁵⁰	8.54 ²⁵	8.67	8.79 ⁷⁵	8.92 ⁵⁰	9.18	9.43 ⁵⁰	9.69	9.94 ⁵⁰
8.49 ⁷⁵	8.62 ⁶²	8.75 ⁵⁰	8.88 ⁸⁷	9.01 ²⁵	9.27	9.52 ⁷⁵	9.78 ⁵⁰	10.04 ²⁵
8.58	8.71	8.84	8.97	9.10	9.36	9.62	9.88	10.14
8.66 ²⁵	8.79 ⁸⁷	8.92 ⁵⁰	9.05 ⁶²	9.18 ⁷⁵	9.45	9.71 ²⁵	9.97 ⁵⁰	10.23 ⁷⁵
8.74 ⁵⁰	8.87 ⁷⁵	9.01	9.14 ²⁵	9.27 ⁵⁰	9.54	9.80 ⁵⁰	10.07	10.33 ⁵⁰
8.82 ⁷⁵	8.96 ¹²	9.09 ⁵⁰	9.22 ⁸⁷	9.36 ²⁵	9.63	9.89 ⁷⁵	10.16 ⁵⁰	10.43 ²⁵
8.91	9.04 ⁵⁰	9.18	9.31 ⁵⁰	9.45	9.72	9.99	10.26	10.53
8.99 ²⁵	9.12 ⁸⁷	9.26 ⁵⁰	9.40 ¹²	9.53 ⁷⁵	9.81	10.08 ²⁵	10.35 ⁵⁰	10.62 ⁷⁵
9.07 ⁵⁰	9.21 ²⁵	9.35	9.48 ⁷⁵	9.62 ⁵⁰	9.90	10.17 ⁵⁰	10.45	10.72 ⁵⁰
9.15 ⁷⁵	9.29 ⁶²	9.43 ⁵⁰	9.57 ⁸⁷	9.71 ²⁵	9.99	10.26 ⁷⁵	10.54 ⁵⁰	10.82 ²⁵
9.24	9.38	9.52	9.66	9.80	10.08	10.36	10.64	10.92
9.32 ²⁵	9.46 ⁸⁷	9.60 ⁵⁰	9.74 ⁶²	9.88 ⁷⁵	10.17	10.45 ²⁵	10.73 ⁵⁰	11.01 ⁷⁵
9.40 ⁵⁰	9.54 ⁷⁵	9.69	9.83 ²⁵	9.97 ⁵⁰	10.26	10.54 ⁵⁰	10.83	11.11 ⁵⁰
9.48 ⁷⁵	9.63 ¹²	9.77 ⁵⁰	9.91 ⁸⁷	10.06 ²⁵	10.35	10.63 ⁷⁵	10.92 ⁵⁰	11.21 ²⁵

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
29	0	⁵⁰ 8.84	8.99	⁵⁰ 9.13	9.28	⁵⁰ 9.42	9.57
29	3	¹² 8.92	⁷⁵ 9.06	⁸⁷ 9.21	9.36	⁶² 9.50	²⁵ 9.65
29	6	⁷⁵ 8.99	⁵⁰ 9.14	²⁵ 9.29	9.44	⁷⁵ 9.58	⁵⁰ 9.73
29	9	⁸⁷ 9.07	²⁵ 9.22	¹² 9.37	9.52	⁸⁷ 9.66	⁷⁵ 9.81
30	0	9.15	9.30	9.45	9.60	9.75	9.90
30	3	⁶² 9.22	⁷⁵ 9.37	⁸⁷ 9.52	9.68	¹² 9.83	²⁵ 9.98
30	6	²⁵ 9.30	⁵⁰ 9.45	⁷⁵ 9.60	9.76	²⁵ 9.91	⁵⁰ 10.06
30	9	⁸⁷ 9.37	²⁵ 9.53	⁶² 9.68	9.84	⁸⁷ 9.99	⁷⁵ 10.14
31	0	⁵⁰ 9.45	9.61	⁵⁰ 9.76	9.92	⁵⁰ 10.07	10.23
31	3	¹² 9.53	⁷⁵ 9.68	⁸⁷ 9.84	10.00	⁶² 10.15	²⁵ 10.31
31	6	⁷⁵ 9.60	⁵⁰ 9.76	²⁵ 9.92	10.08	⁷⁵ 10.23	⁵⁰ 10.39
31	9	⁸⁷ 9.68	²⁵ 9.84	¹² 10.00	10.16	⁸⁷ 10.31	⁷⁵ 10.47
32	0	9.76	9.92	10.08	10.24	10.40	10.56
32	3	⁶² 9.83	⁷⁵ 9.99	⁸⁷ 10.15	10.32	¹² 10.48	²⁵ 10.64
32	6	²⁵ 9.91	⁵⁰ 10.07	⁷⁵ 10.23	10.40	²⁵ 10.56	⁵⁰ 10.72
32	9	⁸⁷ 9.98	²⁵ 10.15	⁶² 10.31	10.48	⁸⁷ 10.64	⁷⁵ 10.80

66	70	72	75	80	85	90	95
⁵⁰ 9.71	9.86	⁵⁰ 10.00	10.15	10.44	10.73	11.02	11.31
⁸⁷ 9.79	⁵⁰ 9.94	¹² 10.09	⁷⁵ 10.23	10.53	²⁵ 10.82	⁵⁰ 11.11	⁷⁵ 11.40
²⁵ 9.88	10.03	⁷⁵ 10.17	⁵⁰ 10.32	10.62	⁵⁰ 10.91	11.21	⁵⁰ 11.50
⁶² 9.96	⁵⁰ 10.11	⁸⁷ 10.26	²⁵ 10.41	10.71	⁷⁵ 11.00	⁵⁰ 11.30	²⁵ 11.60
10.05	10.20	10.35	10.50	10.80	11.10	11.40	11.70
⁸⁷ 10.13	⁵⁰ 10.28	⁶² 10.43	⁷⁵ 10.58	10.89	²⁵ 11.19	⁵⁰ 11.49	⁷⁵ 11.79
⁷⁵ 10.21	10.37	²⁵ 10.52	⁵⁰ 10.67	10.98	⁵⁰ 11.28	11.59	⁵⁰ 11.89
¹² 10.30	⁵⁰ 10.45	⁸⁷ 10.60	²⁵ 10.76	11.07	⁷⁵ 11.37	⁵⁰ 11.68	²⁵ 11.99
⁵⁰ 10.38	10.54	⁵⁰ 10.69	10.85	11.16	11.47	11.78	12.09
⁸⁷ 10.46	⁵⁰ 10.62	¹² 10.78	⁷⁵ 10.93	11.25	²⁵ 11.56	⁵⁰ 11.87	⁷⁵ 12.18
²⁵ 10.55	10.71	⁷⁵ 10.86	⁵⁰ 11.02	11.34	⁵⁰ 11.65	11.97	⁵⁰ 12.28
⁶² 10.63	⁵⁰ 10.79	⁸⁷ 10.95	²⁵ 11.11	11.43	⁷⁵ 11.74	⁵⁰ 12.06	²⁵ 12.38
10.72	10.88	11.04	11.20	11.52	11.84	12.16	12.48
⁸⁷ 10.80	⁵⁰ 10.96	⁶² 11.12	⁷⁵ 11.28	11.61	²⁵ 11.93	⁵⁰ 12.25	⁷⁵ 12.57
⁷⁵ 10.88	11.05	²⁵ 11.21	⁵⁰ 11.37	11.70	⁵⁰ 12.02	12.35	⁵⁰ 12.67
¹² 10.97	⁵⁰ 11.13	⁸⁷ 11.29	²⁵ 11.46	11.79	⁷⁵ 12.11	⁵⁰ 12.44	²⁵ 12.77

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
33	0	⁵⁰ 10.06	10.23	⁵⁰ 10.39	10.56	⁵⁰ 10.72	10.89
33	3	¹² 10.14	⁷⁵ 10.30	⁸⁷ 10.47	10.64	⁶² 10.80	²⁵ 10.97
33	6	⁷⁵ 10.21	⁵⁰ 10.38	²⁵ 10.55	10.72	⁷⁵ 10.88	⁵⁰ 11.05
33	9	⁸⁷ 10.29	²⁵ 10.46	¹² 10.63	10.80	⁸⁷ 10.96	⁷⁵ 11.13
34	0	10.37	10.54	10.71	10.88	11.05	11.22
34	3	⁶² 10.44	⁷⁵ 10.61	⁸⁷ 10.78	10.96	¹² 11.13	²⁵ 11.30
34	6	²⁵ 10.52	⁵⁰ 10.69	⁷⁵ 10.86	11.04	²⁵ 11.21	⁵⁰ 11.38
34	9	⁸⁷ 10.59	²⁵ 10.77	⁶² 10.94	11.12	⁸⁷ 11.29	⁷¹ 11.46
35	0	⁵⁰ 10.67	10.85	⁵⁰ 11.02	11.20	⁵⁰ 11.37	11.55
35	3	¹² 10.75	⁷⁵ 10.92	⁸⁷ 11.10	11.28	⁶² 11.45	²⁵ 11.63
35	6	⁷⁵ 10.82	⁵⁰ 11.00	²⁵ 11.18	11.36	⁷⁵ 11.53	⁵⁰ 11.71
35	9	⁸⁷ 10.90	²⁵ 11.08	¹² 11.26	11.44	⁸⁷ 11.61	⁷⁵ 11.79
36	0	10.98	11.16	11.34	11.52	11.70	11.88
36	3	⁶² 11.05	⁷⁵ 11.23	⁸⁷ 11.41	11.60	¹² 11.78	²⁵ 11.96
36	6	²⁵ 11.13	⁵⁰ 11.31	⁷⁵ 11.49	11.68	²⁵ 11.86	⁵⁰ 12.04
36	9	⁸⁷ 11.20	²⁵ 11.39	⁶² 11.57	11.76	⁸⁷ 11.94	⁷⁵ 12.12

ADVANCE TABLES

67

67 ¹ ₂	70	72 ¹ ₂	75	80	85	90	95
⁵⁰ 11.05	11.22	⁵⁰ 11.38	11.55	11.88	12.21	12.54	12.87
⁸⁷ 1.13	⁵⁰ 11.30	¹² 11.47	⁷⁵ 11.63	11.97	²⁵ 12.30	⁵⁰ 12.63	⁷⁵ 12.96
²⁵ 11.22	11.39	⁷⁵ 11.55	⁵⁰ 11.72	12.06	⁵⁰ 12.39	12.73	⁵⁰ 13.06
⁶² 11.30	⁵⁰ 11.47	⁸⁷ 11.64	²⁵ 11.81	12.15	⁷⁵ 12.48	⁵⁰ 12.82	²⁵ 13.16
11.39	11.56	11.73	11.90	12.24	12.58	12.92	13.26
⁸⁷ 11.47	⁵⁰ 11.64	⁶² 11.81	⁷⁵ 11.98	12.33	²⁵ 12.67	⁵⁰ 13.01	⁷⁵ 13.35
⁷⁵ 11.55	11.73	²⁵ 11.90	⁵⁰ 12.07	12.42	⁵⁰ 12.76	13.11	⁵⁰ 13.45
¹² 11.64	⁵⁰ 11.81	⁸⁷ 11.98	²⁵ 12.16	12.51	⁷⁵ 12.85	⁵⁰ 13.20	²⁵ 13.55
⁵⁰ 11.72	11.90	⁵⁰ 12.07	12.25	12.60	12.95	13.30	13.65
⁸⁷ 11.80	⁵⁰ 11.98	¹² 12.16	⁷⁵ 12.33	12.69	²⁵ 13.04	⁵⁰ 13.39	⁷⁵ 13.74
²⁵ 11.89	12.07	⁷⁵ 12.24	⁵⁰ 12.42	12.78	⁵⁰ 13.13	13.49	⁵⁰ 13.84
⁶² 11.97	⁵⁰ 12.15	⁸⁷ 12.33	²⁵ 12.51	12.87	⁷⁵ 13.22	⁵⁰ 13.58	²⁵ 13.94
12.06	12.24	12.42	12.60	12.96	13.32	13.68	14.04
⁸⁷ 12.14	⁵⁰ 12.32	⁶² 12.50	⁷⁵ 12.68	13.05	²⁵ 13.41	⁵⁰ 13.77	⁷⁵ 14.13
⁷⁵ 12.22	12.41	²⁵ 12.59	⁵⁰ 12.77	13.14	⁵⁰ 13.50	13.87	⁵⁰ 14.23
¹² 12.31	⁵⁰ 12.49	⁸⁷ 12.67	²⁵ 12.86	13.23	⁷⁵ 13.59	⁵⁰ 13.96	²⁵ 14.33

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
37	0	⁵⁰ 11.28	11.47	⁵⁰ 11.65	11.84	⁵⁰ 12.02	12.21
37	3	¹² 11.36	⁷⁵ 11.54	⁸⁷ 11.73	11.92	⁶² 12.10	²⁵ 12.29
37	6	⁷⁵ 11.43	⁵⁰ 11.62	²⁵ 11.81	12.00	⁷⁵ 12.18	⁵⁰ 12.37
37	9	⁸⁷ 11.51	²⁵ 11.70	¹² 11.89	12.08	⁸⁷ 12.26	⁷⁵ 12.45
38	0	11.59	11.78	11.97	12.16	12.35	12.54
38	3	⁶² 11.66	⁷⁵ 11.85	⁸⁷ 12.04	12.24	¹² 12.43	²⁵ 12.62
38	6	²⁵ 11.74	⁵⁰ 11.93	⁷⁵ 12.12	12.32	²⁵ 12.51	⁵⁰ 12.70
38	9	⁸⁷ 11.81	²⁵ 12.01	⁶² 12.20	12.40	⁸⁷ 12.59	⁷⁵ 12.78
39	0	⁵⁰ 11.89	12.09	⁵⁰ 12.28	12.48	⁵⁰ 12.67	12.87
39	3	¹² 11.97	⁷⁵ 12.16	⁸⁷ 12.36	12.56	⁶² 12.75	²⁵ 12.95
39	6	⁷⁵ 12.04	⁵⁰ 12.24	²⁵ 12.44	12.64	⁷⁵ 12.83	⁵⁰ 13.03
39	9	⁸⁷ 12.12	²⁵ 12.32	¹² 12.52	12.72	⁸⁷ 12.91	⁷⁵ 13.11
40	0	12.20	12.40	12.60	12.80	13.00	13.20
40	3	⁶² 12.27	⁷⁵ 12.47	⁸⁷ 12.67	12.88	¹² 13.08	²⁵ 13.28
40	6	²⁵ 12.35	⁵⁰ 12.55	⁷⁵ 12.75	12.96	²⁵ 13.16	⁵⁰ 13.36
40	9	⁸⁷ 12.42	²⁵ 12.63	⁶² 12.83	13.04	⁸⁷ 13.24	⁷⁵ 13.44

35

2.21

²⁵
2.29

⁵⁰
2.37

⁷⁵
2.45

2.54

²⁵
2.62

⁵⁰
2.70

⁷⁵
2.78

2.87

²⁵
2.95

⁵⁰
3.03

⁷⁵
3.11

3.20

²⁵
3.28

⁵⁰
3.36

⁷⁵
3.44

67½	70	72½	75	80	85	90	95
⁵⁰ 12.39	12.58	⁵⁰ 12.76	12.95	13.32	13.69	14.06	14.43
⁸⁷ 12.47	⁵⁰ 12.66	¹² 12.85	⁷⁵ 13.03	13.41	²⁵ 13.78	⁵⁰ 14.15	⁷⁵ 14.52
²⁵ 12.56	12.75	⁷⁵ 12.93	⁵⁰ 13.12	13.50	⁵⁰ 13.87	14.25	⁵⁰ 14.62
⁶² 12.64	⁵⁰ 12.83	⁸⁷ 13.02	²⁵ 13.21	13.59	⁷⁵ 13.96	⁵⁰ 14.34	²⁵ 14.72
12.73	12.92	13.11	13.30	13.68	14.06	14.44	14.82
³ 12.81	⁵⁰ 13.00	⁶² 13.19	⁷⁵ 13.38	13.77	²⁵ 14.15	⁵⁰ 14.53	⁷⁵ 14.91
⁷⁵ 12.89	13.09	²⁵ 13.28	⁵⁰ 13.47	13.86	⁵⁰ 14.24	14.63	⁵⁰ 15.01
¹² 12.98	⁵⁰ 13.17	⁸⁷ 13.36	²⁵ 13.56	13.95	⁷⁵ 14.33	⁵⁰ 14.72	²⁵ 15.11
⁵⁰ 13.06	13.26	⁵⁰ 13.45	13.65	14.04	14.43	14.82	15.21
⁸ 13.14	⁵⁰ 13.34	¹² 13.54	⁷⁵ 13.73	14.13	²⁵ 14.52	⁵⁰ 14.91	⁷⁵ 15.30
²⁵ 13.23	13.43	⁷⁵ 13.62	⁵⁰ 13.82	14.22	⁵⁰ 14.61	15.01	⁵⁰ 15.40
⁶² 13.31	⁵⁰ 13.51	⁸⁷ 13.71	²⁵ 13.91	14.31	⁷⁵ 14.70	⁵⁰ 15.10	²⁵ 15.50
13.40	13.60	13.80	14.00	14.40	14.80	15.20	15.60
⁸⁷ 13.48	⁵⁰ 13.68	⁶² 13.88	⁷⁵ 14.08	14.49	²⁵ 14.89	⁵⁰ 15.29	⁷⁵ 15.69
⁷⁵ 13.56	13.77	²⁵ 13.97	⁵⁰ 14.17	14.58	⁵⁰ 14.98	15.39	⁵⁰ 15.79
¹² 13.65	⁵⁰ 13.85	⁸⁷ 14.05	²⁵ 14.26	14.67	⁷⁵ 15.07	⁵⁰ 15.48	²⁵ 15.89

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
41	0	⁵⁰ 12.50	12.71	⁵⁰ 12.91	13.12	⁵⁰ 13.32	13.53
41	3	¹² 12.58	⁷⁵ 12.78	⁸⁷ 12.99	13.20	⁶² 13.40	²⁵ 13.61
41	6	⁷⁵ 12.65	⁵⁰ 12.86	²⁵ 13.07	13.28	⁷⁵ 13.48	⁵⁰ 13.69
41	9	⁸⁷ 12.73	²⁵ 12.94	¹² 13.15	13.36	⁸⁷ 13.56	⁷⁵ 13.77
42	0	12.81	13.02	13.23	13.44	13.65	13.86
42	3	⁶² 12.88	⁷⁵ 13.09	⁸⁷ 13.30	13.52	¹² 13.73	²⁵ 13.94
42	6	²⁵ 12.96	⁵⁰ 13.17	⁷⁵ 13.38	13.60	²⁵ 13.81	⁵⁰ 14.02
42	9	⁸⁷ 13.03	²⁵ 13.25	⁶² 13.46	13.68	⁸⁷ 13.89	⁷⁵ 14.10
43	0	⁵⁰ 13.11	13.33	⁵⁰ 13.54	13.76	⁵⁰ 13.97	14.19
43	3	¹² 13.19	⁷⁵ 13.40	⁸⁷ 13.62	13.84	⁶² 14.05	²⁵ 14.27
43	6	⁷⁵ 13.26	⁵⁰ 13.48	²⁵ 13.70	13.92	⁷⁵ 14.13	⁵⁰ 14.35
43	9	⁸⁷ 13.34	²⁵ 13.56	¹² 13.78	14.00	⁸⁷ 14.21	⁷⁷ 14.43
44	0	13.42	13.64	13.86	14.08	14.30	14.52
44	3	⁶² 13.49	⁷⁵ 13.71	⁸⁷ 13.93	14.16	¹² 14.38	²⁵ 14.60
44	6	²⁵ 13.57	⁵⁰ 13.79	⁷⁵ 14.01	14.24	²⁵ 14.46	⁵⁰ 14.68
44	9	⁸⁷ 13.64	²⁵ 13.87	⁶² 14.09	14.32	⁸⁷ 14.54	⁷⁵ 14.76

65	67½	70	72½	75	80	85	90	95
3.53	⁵⁰ 13.73	13.94	⁵⁰ 14.14	14.35	14.76	15.17	15.58	15.99
²⁵ 3.61	⁸⁷ 13.81	⁵⁰ 14.02	¹² 14.23	⁷⁵ 14.43	14.85	²⁵ 15.26	⁵⁰ 15.67	⁷⁵ 16.08
⁵⁰ 3.69	²⁵ 13.90	14.11	⁷⁵ 14.31	⁵⁰ 14.52	14.94	⁵⁰ 15.35	15.77	⁵⁰ 16.18
⁷⁵ 3.77	⁶² 13.98	⁵⁰ 14.19	³⁷ 14.40	²⁵ 14.61	15.03	⁷⁵ 15.44	⁵⁰ 15.86	²⁵ 16.28
3.86	14.07	14.28	14.49	14.70	15.12	15.54	15.96	16.38
²⁵ 3.94	⁸⁷ 14.15	⁵⁰ 14.36	⁶² 14.57	⁷⁵ 14.78	15.21	²⁵ 15.63	⁵⁰ 16.05	⁷⁵ 16.47
⁵⁰ 4.02	⁷⁵ 14.23	14.45	²⁵ 14.66	⁵⁰ 14.87	15.30	⁵⁰ 15.72	16.15	⁵⁰ 16.57
⁷⁵ 4.10	¹² 14.32	⁵⁰ 14.53	⁸⁷ 14.74	²⁵ 14.96	15.39	⁷⁵ 15.81	⁵⁰ 16.24	²⁵ 16.67
4.19	⁵⁰ 14.40	14.62	⁵⁰ 14.83	15.05	15.48	15.91	16.34	16.77
²⁵ 4.27	⁸⁷ 14.48	⁵⁰ 14.70	¹² 14.92	⁷⁵ 15.13	15.57	²⁵ 16.00	⁵⁰ 16.43	⁷⁵ 16.86
⁵⁰ 4.35	²⁵ 14.57	14.79	⁷⁵ 15.00	⁵⁰ 15.22	15.66	⁵⁰ 16.09	16.53	⁵⁰ 16.96
⁷⁵ 4.43	⁶² 14.65	⁵⁰ 14.87	³⁷ 15.09	²⁵ 15.31	15.75	⁷⁵ 16.18	⁵⁰ 16.62	²⁵ 17.06
4.52	14.74	14.96	15.18	15.40	15.84	16.28	16.72	17.16
²⁵ 4.60	⁸⁷ 14.82	⁵⁰ 15.04	⁶² 15.26	⁷⁵ 15.48	15.93	²⁵ 16.37	⁵⁰ 16.81	⁷⁵ 17.25
⁵⁰ 4.68	⁷⁵ 14.90	15.13	²⁵ 15.35	⁵⁰ 15.57	16.02	⁵⁰ 16.46	16.91	⁵⁰ 17.35
⁷⁵ 4.76	¹² 14.99	⁵⁰ 15.21	⁸⁷ 15.43	²⁵ 15.66	16.11	⁷⁵ 16.55	⁵⁰ 17.00	²⁵ 17.45

s.	d.	52½	55	57½	60	62½	65
45	0	⁵⁰ 13.72	13.95	⁵⁰ 14.17	14.40	⁵⁰ 14.62	14.85
45	3	¹² 13.80	⁷⁵ 14.02	⁸⁷ 14.25	14.48	⁶² 14.70	²⁵ 14.93
45	6	⁷⁵ 13.87	⁵⁰ 14.10	²⁵ 14.33	14.56	⁷⁵ 14.78	⁵⁰ 15.01
45	9	⁸⁷ 13.95	²⁵ 14.18	¹² 14.41	14.64	⁸⁷ 14.86	⁷⁵ 15.09
46	0	14.03	14.26	14.49	14.72	14.95	15 18
46	3	⁶² 14.10	⁷⁵ 14.33	⁸⁷ 14.56	14.80	¹² 15.03	²⁵ 15.26
46	6	²⁵ 14.18	⁵⁰ 14.41	⁷⁵ 14.64	14.88	²⁵ 15.11	⁵⁰ 15.34
46	9	⁸⁷ 14.25	²⁵ 14.49	⁶² 14.72	14.96	⁸⁷ 15.19	⁷⁵ 15.42
47	0	⁵⁰ 14.33	14.57	⁵⁰ 14.80	15.04	⁵⁰ 15.27	15.51
47	3	¹² 14.41	⁷⁵ 14.64	⁸⁷ 14.88	15.12	⁶² 15.35	²⁵ 15.59
47	6	⁷⁵ 14.48	⁵⁰ 14.72	²⁵ 14.96	15.20	⁷⁵ 15.43	⁵⁰ 15.67
47	9	⁸⁷ 14.56	²⁵ 14.80	¹² 15.04	15.28	⁸⁷ 15.51	⁷⁵ 15.75
48	0	14.64	14.88	15.12	15.36	15.60	15.84
48	3	⁶² 14.71	⁷⁵ 14.95	⁸⁷ 15.19	15.44	¹² 15.68	²⁵ 15.92
48	6	²⁵ 14.79	⁵⁰ 15.03	⁷⁵ 15.27	15.52	²⁵ 15.76	⁵⁰ 16.00
48	9	⁸⁷ 14.86	²⁵ 15.11	⁶² 15.35	15.60	⁸⁷ 15.84	⁷⁵ 16.08

65	67½	70	72½	75	80	85	90	95
14.85	⁵⁰ 15.07	15.30	⁵⁰ 15.52	15.75	16.20	16.65	17.10	17.55
14.93	⁸⁷ 15.15	⁵⁰ 15.38	¹² 15.61	⁷⁵ 15.83	16.29	²⁵ 16.74	⁵⁰ 17.19	⁷⁵ 17.64
15.01	²⁵ 15.24	15.47	⁷⁵ 15.69	⁵⁰ 15.92	16.38	⁵⁰ 16.83	17.29	⁵⁰ 17.74
15.09	⁶² 15.32	⁵⁰ 15.55	⁸⁷ 15.78	²⁵ 16.01	16.47	⁷⁵ 16.92	⁵⁰ 17.38	²⁵ 17.84
15.18	15.41	15.64	15.87	16.10	16.56	17.02	17.48	17.94
15.26	³⁷ 15.49	⁵⁰ 15.72	⁶² 15.95	⁷⁵ 16.18	16.65	²⁵ 17.11	⁵⁰ 17.57	⁷⁵ 18.03
15.34	⁷⁵ 15.57	15.81	²⁵ 16.04	⁵⁰ 16.27	16.74	⁵⁰ 17.20	17.67	⁵⁰ 18.13
15.42	¹² 15.66	⁵⁰ 15.89	⁸⁷ 16.12	²⁵ 16.36	16.83	⁷⁵ 17.29	⁵⁰ 17.76	²⁵ 18.23
15.51	⁵⁰ 15.74	15.98	⁵⁰ 16.21	16.45	16.92	17.39	17.86	18.33
15.59	⁸⁷ 15.82	⁵⁰ 16.06	¹² 16.30	⁷⁵ 16.53	17.01	²⁵ 17.48	⁵⁰ 17.95	⁷⁵ 18.42
15.67	²⁵ 15.91	16.15	⁷⁵ 16.38	⁵⁰ 16.62	17.10	⁵⁰ 17.57	18.05	⁵⁰ 18.52
15.75	⁶² 15.99	⁵⁰ 16.23	⁸⁷ 16.47	²⁵ 16.71	17.19	⁷⁵ 17.66	⁵⁰ 18.14	²⁵ 18.62
15.84	16.08	16.32	16.56	16.80	17.28	17.76	18.24	18.72
15.92	⁸⁷ 16.16	⁵⁰ 16.40	⁶² 16.64	⁷⁵ 16.83	17.37	²⁵ 17.85	⁵⁰ 18.33	⁷⁵ 18.81
16.00	⁷⁵ 16.24	16.49	²⁵ 16.73	⁵⁰ 16.97	17.46	⁵⁰ 17.94	18.43	⁵⁰ 18.91
16.08	¹² 16.33	⁵⁰ 16.57	⁸⁷ 16.81	²⁵ 17.06	17.55	⁷⁵ 18.03	⁵⁰ 18.52	²⁵ 19.01

s.	d.	52½	55	57½	60	62½	65
49	0	⁵⁰ 14.94	15.19	⁵⁰ 15.43	15.68	⁵⁰ 15.92	16.17
49	3	¹² 15.02	⁷⁵ 15.26	⁸⁷ 15.51	15.76	⁰² 16.00	²⁵ 16.25
49	6	⁷⁵ 15.09	15.31	²⁵ 15.59	15.84	⁷⁵ 16.08	⁵⁰ 16.33
49	9	⁸⁷ 15.17	²⁵ 15.42	¹² 15.67	15.92	⁸⁷ 16.16	⁷⁵ 16.41
50	0	15.25	15.50	15.75	16.00	16.25	16.50
50	3	⁰² 15.32	⁷⁵ 15.57	⁸⁷ 15.82	16.08	¹² 16.33	²⁵ 16.58
50	6	²⁵ 15.40	⁵⁰ 15.65	⁷⁵ 15.90	16.16	²⁵ 16.41	⁵⁰ 16.66
50	9	⁸⁷ 15.47	²⁵ 15.73	⁰² 15.98	16.24	⁸⁷ 16.49	⁷⁵ 16.74
51	0	⁵⁰ 15.55	15.81	⁵⁰ 16.06	16.32	⁵⁰ 16.57	16.83
51	3	¹² 15.63	⁷⁵ 15.88	⁸⁷ 16.14	16.40	⁰² 16.65	²⁵ 16.91
51	6	⁷⁵ 15.70	⁵⁰ 15.96	²⁵ 16.22	16.48	⁷⁵ 16.73	⁵⁰ 16.99
51	9	⁸⁷ 15.78	²⁵ 16.04	¹² 16.30	16.56	⁸⁷ 16.81	⁷⁵ 17.07
52	0	15.86	16.12	16.38	16.64	16.90	17.16
52	3	⁰² 15.93	⁷⁵ 16.19	⁸⁷ 16.45	16.72	¹² 16.98	²⁵ 17.24
52	6	²⁵ 16.01	⁵⁰ 16.27	⁷⁵ 16.53	16.80	²⁵ 17.06	⁵⁰ 17.32
52	9	⁸⁷ 16.08	²⁵ 16.35	⁰² 16.61	16.88	⁸⁷ 17.14	⁷⁵ 17.40

65	67½	70	72½	75	80	85	90	95
6.17	⁵⁰ 16.41	16.66	⁵⁰ 16.90	17.15	17.64	18.13	18.62	19.11
²⁵ 6.25	⁸⁷ 16.49	⁵⁰ 16.74	¹² 16.99	⁷⁵ 17.23	17.73	²⁵ 18.22	⁵⁰ 18.71	⁷⁵ 19.20
⁵⁰ 6.33	²⁵ 16.58	16.83	⁷⁵ 17.07	⁵⁰ 17.32	17.82	⁵⁰ 18.31	18.81	⁵⁰ 19.30
⁷⁵ 6.41	⁶² 16.66	⁵⁰ 16.91	³⁷ 17.16	²⁵ 17.41	17.91	⁷⁵ 18.40	⁵⁰ 18.90	²⁵ 19.40
6.50	16.75	17.00	17.25	17.50	18.00	18.50	19.00	19.50
²⁵ 6.58	³⁷ 16.83	⁵⁰ 17.08	⁶² 17.33	⁷⁵ 17.58	18.09	²⁵ 18.59	⁵⁰ 19.09	⁷⁵ 19.59
⁵⁰ 6.66	⁷⁵ 16.91	17.17	²⁵ 17.42	⁵⁰ 17.67	18.18	⁵⁰ 18.68	19.19	⁵⁰ 19.69
⁷⁵ 6.74	¹² 17.00	⁵⁰ 17.25	⁸⁷ 17.50	²⁵ 17.76	18.27	⁷⁵ 18.77	⁵⁰ 19.28	²⁵ 19.79
6.83	⁵⁰ 17.08	17.34	⁵⁰ 17.59	17.85	18.36	18.87	19.38	19.89
²⁵ 6.91	⁸⁷ 17.16	⁵⁰ 17.42	¹² 17.68	⁷⁵ 17.93	18.45	²⁵ 18.96	⁵⁰ 19.47	⁷⁵ 19.98
⁵⁰ 6.99	²⁵ 17.25	17.51	⁷⁵ 17.76	⁵⁰ 18.02	18.54	⁵⁰ 19.05	19.57	⁵⁰ 20.08
⁷⁵ 7.07	⁶² 17.33	⁵⁰ 17.59	³⁷ 17.85	²⁵ 18.11	18.63	⁷⁵ 19.14	⁵⁰ 19.66	²⁵ 20.18
7.16	17.42	17.68	17.94	18.20	18.72	19.24	19.76	20.28
²⁵ 7.24	³⁷ 17.50	⁵⁰ 17.76	⁶² 18.02	⁷⁵ 18.28	18.81	²⁵ 19.33	⁵⁰ 19.85	⁷⁵ 20.37
⁵⁰ 7.32	⁷⁵ 17.58	17.85	²⁵ 18.11	⁵⁰ 18.37	18.90	⁵⁰ 19.42	19.95	⁵⁰ 20.47
⁷⁵ 7.40	¹² 17.67	⁵⁰ 17.93	⁸⁷ 18.19	²⁵ 18.46	18.99	⁷⁵ 19.51	⁵⁰ 20.04	²⁵ 20.57

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
53	0	⁵⁰ 16.16	16.43	⁵⁰ 16.69	16.96	⁵⁰ 17.22	17.49
53	3	¹² 16.24	⁷⁵ 16.50	⁸⁷ 16.77	17.04	⁶² 17.30	²⁵ 17.57
53	6	⁷⁵ 16.31	⁵⁰ 16.58	²⁵ 16.85	17.12	⁷⁵ 17.38	⁵⁰ 17.65
53	9	⁸⁷ 16.39	²⁵ 16.66	¹² 16.93	17.20	⁸⁷ 17.46	⁷⁵ 17.73
54	0	16.47	16.74	17.01	17.28	17.55	17.82
54	3	⁶² 16.54	⁷⁵ 16.81	⁸⁷ 17.08	17.36	¹² 17.63	²⁵ 17.90
54	6	²⁵ 16.62	⁵⁰ 16.89	⁷⁵ 17.16	17.44	²⁵ 17.71	⁵⁰ 17.98
54	9	⁸⁷ 16.69	²⁵ 16.97	⁶² 17.24	17.52	⁸⁷ 17.79	⁷⁵ 18.06
55	0	⁵⁰ 16.77	17.05	⁵⁰ 17.32	17.60	⁵⁰ 17.87	18.15
55	3	¹² 16.85	⁷⁵ 17.12	⁸⁷ 17.40	17.68	⁶² 17.95	²⁵ 18.23
55	6	⁷⁵ 16.92	⁵⁰ 17.20	²⁵ 17.48	17.76	⁷⁵ 18.03	⁵⁰ 18.31
55	9	⁸⁷ 17.00	²⁵ 17.28	¹² 17.56	17.84	⁸⁷ 18.11	⁷⁵ 18.39
56	0	17.08	17.36	17.64	17.92	18.20	18.48
56	3	⁶² 17.15	⁷⁵ 17.43	⁸⁷ 17.71	18.00	¹² 18.28	²⁵ 18.56
56	6	²⁵ 17.23	⁵⁰ 17.51	⁷⁵ 17.79	18.08	²⁵ 18.36	⁵⁰ 18.64
56	9	⁸⁷ 17.30	²⁵ 17.59	⁶² 17.87	18.16	⁸⁷ 18.44	⁷⁵ 18.72

ADVANCE TABLES

71

67½	70	72½	75	80	85	90	95
⁵⁰ 17.75	18.02	⁵⁰ 18.28	18.55	19.08	19.61	20.14	20.67
⁸⁷ 17.83	⁵⁰ 18.10	¹² 18.37	⁷⁵ 18.63	19.17	²⁵ 19.70	⁵⁰ 20.23	⁷⁵ 20.76
²⁵ 17.92	18.19	⁷⁵ 18.45	⁵⁰ 18.72	19.26	⁵⁰ 19.79	20.33	⁵⁰ 20.86
⁶² 18.00	⁵⁰ 18.27	⁸⁷ 18.54	²⁵ 18.81	19.35	⁷⁵ 19.88	⁵⁰ 20.42	²⁵ 20.96
18.09	18.36	18.63	18.90	19.44	19.98	20.52	21.06
³⁷ 18.17	⁵⁰ 18.44	⁶² 18.71	⁷⁵ 18.98	19.53	²⁵ 20.07	⁵⁰ 20.61	⁷⁵ 21.15
⁷⁵ 18.25	18.53	²⁵ 18.80	⁵⁰ 19.07	19.62	⁵⁰ 20.16	20.71	⁵⁰ 21.25
¹² 18.34	⁵⁰ 18.61	⁸⁷ 18.88	²⁵ 19.16	19.71	⁷⁵ 20.25	⁵⁰ 20.80	²⁵ 21.35
⁵⁰ 18.42	18.70	⁵⁰ 18.97	19.25	19.80	20.35	20.90	21.45
⁸⁷ 18.50	⁵⁰ 18.78	¹² 19.06	⁷⁵ 19.33	19.89	²⁵ 20.44	⁵⁰ 20.99	⁷⁵ 21.54
²⁵ 18.59	18.87	⁷⁵ 19.14	⁵⁰ 19.42	19.88	⁵⁰ 20.53	21.09	⁵⁰ 21.64
⁶² 18.67	⁵⁰ 18.95	⁸⁷ 19.23	²⁵ 19.51	20.07	⁷⁵ 20.62	⁵⁰ 21.18	²⁵ 21.74
18.76	19.04	19.32	19.60	20.16	20.72	21.28	21.84
³⁷ 18.84	⁵⁰ 19.12	⁶² 19.40	⁷⁵ 19.68	20.25	²⁵ 20.81	⁵⁰ 21.37	⁷⁵ 21.93
⁷⁵ 18.92	19.21	²⁵ 19.49	⁵⁰ 19.77	20.34	⁵⁰ 20.90	21.47	⁵⁰ 22.03
¹² 19.01	⁵⁰ 19.29	⁸⁷ 19.57	²⁵ 19.86	20.43	⁷⁵ 20.99	⁵⁰ 21.56	²⁵ 22.13

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
57	0	⁵⁰ 17.38	⁵⁰ 17.67	⁵⁰ 17.95	18.24	⁵⁰ 18.52	18.81
57	3	¹² 17.46	⁷⁵ 17.74	⁸⁷ 18.03	18.32	⁶² 18.60	²⁵ 18.89
57	6	⁷⁵ 17.53	⁵⁰ 17.82	²⁵ 18.11	18.40	⁷⁵ 18.68	⁵⁰ 18.97
57	9	⁸⁷ 17.61	²⁵ 17.90	¹² 18.19	18.48	⁸⁷ 18.76	⁷⁵ 19.05
58	0	17.69	17.98	18.27	18.56	18.85	19.14
58	3	⁶² 17.76	⁷⁵ 18.05	⁸⁷ 18.34	18.64	¹² 18.93	²⁵ 19.22
58	6	²⁵ 17.84	⁵⁰ 18.13	⁷⁵ 18.42	18.72	²⁵ 19.01	⁵⁰ 19.30
58	9	⁸⁷ 17.91	²⁵ 18.21	⁶² 18.50	18.80	⁸⁷ 19.09	⁷⁵ 19.38
59	0	⁵⁰ 17.99	18.29	⁵⁰ 18.58	18.88	⁵⁰ 19.17	19.47
59	3	¹² 18.07	⁷⁵ 18.36	⁸⁷ 18.66	18.96	⁶² 19.25	²⁵ 19.55
59	6	⁷⁵ 18.14	⁵⁰ 18.44	²⁵ 18.74	19.04	⁷⁵ 19.33	⁵⁰ 19.63
59	9	⁸⁷ 18.22	²⁵ 18.52	¹² 18.82	19.12	⁸⁷ 19.41	⁷⁵ 19.71
60	0	18.30	18.60	18.90	19.20	19.50	19.80
60	6	²⁵ 18.45	⁵⁰ 18.75	⁷⁵ 19.05	19.36	²⁵ 19.66	⁵⁰ 19.96
61	0	⁵⁰ 18.60	18.91	⁵⁰ 19.21	19.52	⁵⁰ 19.82	20.13
61	6	⁷⁵ 18.75	⁵⁰ 19.06	²⁵ 19.37	19.68	⁷⁵ 19.98	⁵⁰ 20.29

ADVANCE TABLES.

79

65

8.81

25

8.89

50

8.97

75

9.05

9.14

25

9.22

50

9.30

75

9.38

9.47

25

9.55

50

9.63

75

9.71

9.80

50

9.96

20.13

50

20.29

67½	70	72½	75	80	85	90	95
⁵⁰ 19.09	19.38	⁵⁰ 19.66	19.95	20.52	21.09	21.66	22.23
⁸⁷ 19.17	⁵⁰ 19.46	¹² 19.75	⁷⁵ 20.03	20.61	²⁵ 21.18	⁵⁰ 21.75	⁷⁵ 22.32
²⁵ 19.26	19.55	⁷⁵ 19.83	⁵⁰ 20.12	20.70	⁵⁰ 21.27	21.85	⁵⁰ 22.42
⁶² 19.34	⁵⁰ 19.63	⁸⁷ 19.92	²⁵ 20.21	20.79	⁷⁵ 21.36	⁵⁰ 21.94	²⁵ 22.52
19.43	19.72	20.01	20.30	20.88	21.46	22.04	22.62
⁸⁷ 19.51	⁵⁰ 19.80	⁶² 20.09	⁷⁵ 20.38	20.97	²⁵ 21.55	⁵⁰ 22.13	⁷⁵ 22.71
⁷⁵ 19.59	19.89	²⁵ 20.18	⁵⁰ 20.47	21.06	⁵⁰ 21.64	22.23	⁵⁰ 22.81
¹² 19.68	⁵⁰ 19.97	⁸⁷ 20.26	²⁵ 20.56	21.15	⁷⁵ 21.73	⁵⁰ 22.32	²⁵ 22.91
⁵⁰ 19.76	20.06	⁵⁰ 20.35	20.65	21.24	21.83	22.42	23.01
⁸⁷ 19.84	⁵⁰ 20.14	¹² 20.44	⁷⁵ 20.73	21.33	²⁵ 21.92	⁵⁰ 22.51	⁷⁵ 23.10
²⁵ 19.93	²⁵ 20.23	⁷⁵ 20.52	⁵⁰ 20.82	21.42	⁵⁰ 22.01	22.61	⁵⁰ 23.20
⁶² 20.01	⁵⁰ 20.31	⁸⁷ 20.61	²⁵ 20.91	21.51	⁷⁵ 22.10	⁵⁰ 22.70	²⁵ 23.30
20.10	20.40	20.70	21.00	21.60	22.20	22.80	23.40
⁷⁵ 20.26	⁷⁵ 20.57	²⁵ 20.87	⁵⁰ 21.17	21.78	⁵⁰ 22.38	22.99	⁵⁰ 23.59
⁵⁰ 20.43	20.74	⁵⁰ 21.04	21.35	21.96	22.57	23.18	23.79
²⁵ 20.60	²⁵ 20.91	⁷⁵ 21.21	⁵⁰ 21.52	22.14	⁵⁰ 22.75	23.37	⁵⁰ 23.98

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
62	0	18.91	19.22	19.53	19.84	20.15	20.46
62	6	²⁵ 19.06	⁵⁰ 19.37	⁷⁵ 19.68	20.00	²⁵ 20.31	⁵⁰ 20.62
63	0	⁵⁰ 19.21	19.53	⁵⁰ 19.84	20.16	⁵⁰ 20.47	20.79
63	6	⁷⁵ 19.36	⁵⁰ 19.68	²⁵ 20.00	20.32	⁷⁵ 20.63	⁵⁰ 20.95
64	0	19.52	19.84	20.16	20.48	20.80	21.12
64	6	²⁵ 19.67	⁵⁰ 19.99	⁷⁵ 20.31	20.64	²⁵ 20.96	⁵⁰ 21.28
65	0	⁵⁰ 19.82	20.15	⁵⁰ 20.47	20.80	⁵⁰ 21.12	21.45
65	6	⁷⁵ 19.97	⁵⁰ 20.30	²⁵ 20.63	20.96	⁷⁵ 21.28	⁵⁰ 21.61
66	0	20.13	20.46	20.79	21.12	21.45	21.78
66	6	²⁵ 20.28	⁵⁰ 20.61	⁷⁵ 20.94	21.28	²⁵ 21.61	⁵⁰ 21.94
67	0	20.43	20.77	⁵⁰ 21.10	21.44	⁵⁰ 21.77	22.11
67	6	⁷⁵ 20.58	⁵⁰ 20.92	²⁵ 21.26	21.60	⁷⁵ 21.93	⁵⁰ 22.27
68	0	20.74	21.02	21.42	21.76	22.10	22.44
68	6	²⁵ 20.89	⁵⁰ 21.23	⁷⁵ 21.57	21.92	²⁵ 22.26	⁵⁰ 22.60
69	0	⁵⁰ 21.04	21.39	⁵⁰ 21.73	22.08	⁵⁰ 22.42	22.77
69	6	⁷⁵ 21.19	⁵⁰ 21.54	²⁵ 21.89	22.24	⁷⁵ 22.58	⁵⁰ 22.93

5	67½	70	72½	75	80	85	90	95
46	20.77	21.08	21.39	21.70	22.32	22.94	23.56	24.18
⁵⁰ 62	⁷⁵ 20.93	21.25	²⁵ 21.56	⁵⁰ 21.87	22.50	⁵⁰ 23.12	23.75	⁵⁰ 24.37
79	⁵⁰ 21.10	21.42	⁵⁰ 21.73	22.05	22.68	23.31	23.94	24.57
⁵⁰ 95	²⁵ 21.27	21.59	⁷⁵ 21.90	⁵⁰ 22.22	22.86	⁵⁰ 23.49	24.13	⁵⁰ 24.76
12	21.44	21.76	22.08	22.40	23.04	23.68	24.32	24.96
⁵⁰ 28	⁷⁵ 21.60	21.93	²⁵ 22.25	⁵⁰ 22.57	23.22	⁵⁰ 23.86	24.51	⁵⁰ 25.15
45	⁵⁰ 21.77	22.10	⁵⁰ 22.42	22.75	23.40	24.05	24.70	25.35
⁵⁰ 61	²⁵ 21.94	22.27	⁷⁵ 22.59	⁵⁰ 22.92	23.58	⁵⁰ 24.23	24.89	⁵⁰ 25.54
78	22.11	22.44	22.77	23.10	23.76	24.42	25.08	25.74
⁵⁰ 94	⁷⁵ 22.27	22.61	⁷⁵ 22.94	⁵⁰ 23.27	23.94	⁵⁰ 24.60	25.27	⁵⁰ 25.93
11	⁵⁰ 22.44	22.78	⁵⁰ 23.11	23.45	24.12	24.79	25.46	26.13
⁵⁰ 27	²⁵ 22.61	22.95	²⁵ 23.28	⁵⁰ 23.62	24.30	⁵⁰ 24.97	25.65	⁵⁰ 26.32
44	22.78	23.12	23.46	23.80	24.48	25.16	25.84	26.52
⁵⁰ 60	⁷⁵ 22.94	23.29	⁷⁵ 23.63	⁵⁰ 23.97	24.66	⁵⁰ 25.34	26.03	⁵⁰ 26.71
77	⁵⁰ 23.11	23.46	⁵⁰ 23.80	24.15	24.84	25.53	26.22	26.91
⁵⁰ 93	²⁵ 23.28	23.63	⁷⁵ 23.97	⁵⁰ 24.32	25.02	⁵⁰ 25.71	26.41	⁵⁰ 27.10

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
70	0	21.35	21.70	22.05	22.40	22.75	23.10
70	6	²⁵ 21.50	⁵⁰ 21.85	⁷⁵ 22.20	22.56	²⁵ 22.91	⁵⁰ 23.26
71	0	⁵⁰ 21.65	22.01	⁵⁰ 22.36	22.72	⁵⁰ 23.07	23.43
71	6	⁷⁵ 21.80	⁵⁰ 22.16	²⁵ 22.52	22.88	⁷⁵ 23.23	⁵⁰ 23.59
72	0	21.96	22.32	22.68	23.04	23.40	23.76
72	6	²⁵ 22.11	⁵⁰ 22.47	⁷⁵ 22.83	23.20	²⁵ 23.56	⁵⁰ 23.91
73	0	⁵⁰ 22.26	22.63	⁵⁰ 22.99	23.36	⁵⁰ 23.72	24.09
73	6	⁷⁵ 22.41	⁵⁰ 22.78	²⁵ 23.15	23.52	⁷⁵ 23.88	⁵⁰ 24.25
74	0	22.57	22.94	23.31	23.68	24.05	24.42
74	6	²⁵ 22.72	⁵⁰ 23.09	⁷⁵ 23.46	23.84	²⁵ 24.21	⁵⁰ 24.58
75	0	⁵⁰ 22.87	23.25	⁵⁰ 23.62	24.00	⁵⁰ 24.37	24.75
75	6	⁷⁵ 23.02	⁵⁰ 23.40	²⁵ 23.78	24.16	⁷⁵ 24.53	⁵⁰ 24.91
76	0	23.18	23.56	23.94	24.32	24.70	25.08
76	6	²⁵ 23.33	⁵⁰ 23.71	⁷⁵ 24.09	24.48	²⁵ 24.86	⁵⁰ 25.24
77	0	⁵⁰ 23.48	23.87	⁵⁰ 24.25	24.64	⁵⁰ 25.02	25.41
77	6	⁷⁵ 23.63	⁵⁰ 24.02	²⁵ 24.41	24.80	⁷⁵ 25.18	⁵⁰ 25.57

67½	70	72½	75	80	85	90	95
23.45	23.80	24.15	24.50	25.20	25.90	26.60	27.30
⁷⁵ 23.61	23.97	²⁵ 24.32	⁵⁰ 24.67	⁵⁰ 25.38	⁵⁰ 26.08	26.79	⁵⁰ 27.49
⁵⁰ 23.78	24.14	⁵⁰ 24.49	24.85	25.56	26.27	26.98	27.69
²⁵ 23.95	24.31	⁷⁵ 24.66	⁵⁰ 25.02	25.74	⁵⁰ 26.45	27.17	⁵⁰ 27.88
24.12	24.48	24.84	25.20	25.92	26.64	27.36	28.08
⁷⁵ 24.28	24.65	²⁵ 25.01	⁵⁰ 25.37	26.10	⁵⁰ 26.82	27.55	⁵⁰ 28.27
⁵⁰ 24.45	24.82	⁵⁰ 25.18	25.55	26.28	27.01	27.74	28.47
²⁵ 24.62	24.99	⁷⁵ 25.35	⁵⁰ 25.72	26.46	⁵⁰ 27.19	27.93	⁵⁰ 28.66
24.79	25.16	25.53	25.90	26.64	27.38	28.12	28.86
⁷⁵ 24.95	25.33	²⁵ 25.70	⁵⁰ 26.07	26.82	⁵⁰ 27.56	28.31	⁵⁰ 29.05
⁵⁰ 25.12	25.50	⁵⁰ 25.87	26.25	27.00	27.75	28.50	29.25
²⁵ 25.29	25.67	⁷⁵ 26.04	⁵⁰ 26.42	27.18	⁵⁰ 27.93	28.69	⁵⁰ 29.44
25.46	25.84	26.22	26.60	27.36	28.12	28.88	29.64
⁷⁵ 25.62	26.01	²⁵ 26.39	⁵⁰ 26.77	27.54	⁵⁰ 28.30	29.07	⁵⁰ 29.83
⁵⁰ 25.79	26.18	⁵⁰ 26.56	26.95	27.72	28.49	29.26	30.03
²⁵ 25.96	26.35	⁷⁵ 26.73	⁵⁰ 27.12	27.90	⁵⁰ 28.67	29.45	⁵⁰ 30.22

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
78	0	23.79	24.18	24.57	24.96	25.35	25.74
78	6	²⁵ 23.94	⁵⁰ 24.33	⁷⁵ 24.72	25.12	²⁵ 25.51	⁵⁰ 25.90
79	0	⁵⁰ 24.09	24.49	⁵⁰ 24.88	25.28	⁵⁰ 25.67	26.07
79	6	⁷⁵ 24.24	⁵⁰ 24.64	²⁵ 25.04	25.44	⁷⁵ 25.83	⁵⁰ 26.23
80	0	24.40	24.80	25.20	25.60	26.00	26.40
81	0	⁵⁰ 24.70	25.11	⁵⁰ 25.51	25.92	⁵⁰ 26.32	26.73
82	0	25.01	25.42	25.83	26.24	26.65	27.06
83	0	⁵⁰ 25.31	25.73	⁵⁰ 26.14	26.56	⁵⁰ 26.97	27.39
84	0	25.62	26.04	26.46	26.88	27.30	27.72
85	0	⁵⁰ 25.92	26.35	⁵⁰ 26.77	27.20	⁵⁰ 27.62	28.05
86	0	26.23	26.66	27.09	27.52	27.95	28.38
87	0	⁵⁰ 26.53	26.97	⁵⁰ 27.40	27.84	⁵⁰ 28.27	28.71
88	0	26.84	27.28	27.72	28.16	28.60	29.04
89	0	⁵⁰ 27.14	27.59	⁵⁰ 28.03	28.48	⁵⁰ 28.92	29.37
90	0	27.45	27.90	28.35	28.80	29.25	29.70
91	0	⁵⁰ 27.75	28.21	⁵⁰ 28.66	29.12	⁵⁰ 29.57	30.03

67½	70	72½	75	80	85	90	95
26.13	26.52	26.91	27.30	28.08	28.86	29.64	30.42
⁷⁵ 26.29	26.69	²⁵ 27.08	⁵⁰ 27.47	⁵⁰ 28.26	⁵⁰ 29.04	⁵⁰ 29.83	⁵⁰ 30.61
⁵⁰ 26.46	26.86	⁵⁰ 27.25	27.65	28.44	29.23	30.02	30.81
²⁵ 26.63	27.03	⁷⁵ 27.42	⁵⁰ 27.82	⁵⁰ 28.62	⁵⁰ 29.41	⁵⁰ 30.21	⁵⁰ 31.00
26.80	27.20	27.60	28.00	28.80	29.60	30.40	31.20
⁵⁰ 27.13	27.54	⁵⁰ 27.94	28.35	29.16	29.97	30.78	31.59
27.47	27.88	28.29	28.70	29.52	30.34	31.16	31.98
⁵⁰ 27.80	28.22	⁵⁰ 28.63	29.05	29.88	30.71	31.54	32.37
28.14	28.56	28.98	29.40	30.24	31.08	31.92	32.76
⁵⁰ 28.47	28.90	⁵⁰ 29.32	29.75	30.60	31.4	32.30	33.15
28.81	29.24	29.67	30.10	30.96	31.82	32.68	33.54
⁵⁰ 29.14	29.58	⁵⁰ 30.01	30.45	31.32	32.19	33.06	33.93
29.48	29.92	30.36	30.80	31.68	32.56	33.44	34.32
⁵⁰ 29.81	30.26	⁵⁰ 30.70	31.15	32.04	32.93	33.82	34.71
30.15	30.60	31.05	31.50	32.40	33.30	34.20	35.10
⁵⁰ 30.48	30.94	⁵⁰ 31.39	31.85	32.76	33.67	34.58	35.49

<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
92	0	28.06	28.52	28.98	29.44	29.90	30.36
93	0	⁵⁰ 28.36	28.83	⁵⁰ 29.29	29.76	⁵⁰ 30.22	30.69
94	0	28.67	29.14	29.61	30.08	30.55	31.02
95	0	⁵⁰ 28.97	29.45	⁵⁰ 29.92	30.40	⁵⁰ 30.87	31.35
96	0	29.28	29.76	30.24	30.72	31.20	31.68
97	0	⁵⁰ 29.58	30.07	⁵⁰ 30.55	31.04	⁵⁰ 31.52	32.01
98	0	29.89	30.38	30.87	31.36	31.85	32.34
99	0	⁵⁰ 30.19	30.69	⁵⁰ 31.18	31.68	⁵⁰ 32.17	32.67
100	0	30.50	31.00	31.50	32.00	32.50	33.00
105	0	⁵⁰ 32.02	32.55	⁵⁰ 33.07	33.60	⁵⁰ 34.12	34.65
110	0	33.55	34.10	34.65	35.20	35.75	36.30
115	0	⁵⁰ 35.07	35.65	⁵⁰ 36.22	36.80	⁵⁰ 37.37	37.95
120	0	36.60	37.20	37.80	38.40	39.00	39.60
125	0	⁵⁰ 38.12	38.75	⁵⁰ 39.37	40.00	⁵⁰ 40.62	41.25
130	0	39.65	40.30	40.95	41.60	42.25	42.90
135	0	⁵⁰ 41.17	41.85	⁵⁰ 42.52	43.20	⁵⁰ 43.87	44.55

67½	70	72½	75	80	85	90	95
30.82	31.28	31.74	32.20	33.12	34.04	34.96	35.88
⁵⁰ 31.15	31.62	⁵⁰ 32.08	32.55	33.48	34.41	35.34	36.27
31.49	31.96	32.43	32.90	33.84	34.78	35.72	36.66
⁵⁰ 31.82	32.30	⁵⁰ 32.77	33.25	34.20	35.15	36.10	37.05
32.16	32.64	33.12	33.60	34.56	35.52	36.48	37.44
⁵⁰ 32.49	32.98	⁵⁰ 33.46	33.95	34.92	35.89	36.86	37.83
32.83	33.32	33.81	34.30	35.28	36.26	37.24	38.22
⁵⁰ 33.16	33.66	⁵⁰ 34.15	34.65	35.64	36.63	37.62	38.61
33.50	34.00	34.50	35.00	36.00	37.00	38.00	39.00
⁵⁰ 35.17	35.70	⁵⁰ 36.22	36.75	37.80	38.85	39.90	40.95
36.85	37.40	37.95	38.50	39.60	40.70	41.80	42.90
⁵⁰ 38.52	39.10	⁵⁰ 39.67	40.25	41.40	42.55	43.70	44.85
40.20	40.80	41.40	42.00	43.20	44.40	45.60	46.80
⁵⁰ 41.87	42.50	⁵⁰ 43.12	43.75	45.00	46.25	47.50	48.75
43.55	44.20	44.85	45.50	46.80	48.10	49.40	50.70
⁵⁰ 45.22	45.90	⁵⁰ 46.57	47.25	48.60	49.95	51.30	52.65

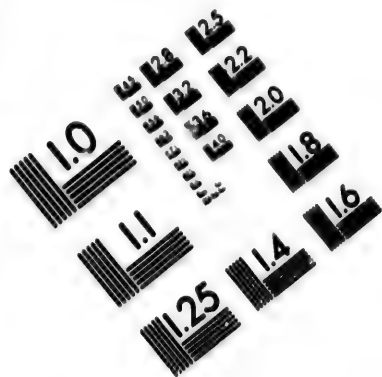
<i>s.</i>	<i>d.</i>	52½	55	57½	60	62½	65
140	0	42.70	43.40	44.10	44.80	45.50	46.20
145	0	⁵⁰ 44.22	44.95	⁵⁰ 45.67	46.40	⁵⁰ 47.12	47.85
150	0	45.75	46.50	47.25	48.00	48.75	49.50
155	0	⁵⁰ 47.27	48.05	⁵⁰ 48.82	49.60	⁵⁰ 50.37	51.15
160	0	48.80	49.60	50.40	51.20	52.00	52.80
165	0	⁵⁰ 50.32	51.15	⁵⁰ 51.97	52.80	⁵⁰ 53.62	54.45
170	0	51.85	52.70	53.55	54.40	55.25	56.10
175	0	⁵⁰ 53.37	54.25	⁵⁰ 55.12	56.00	⁵⁰ 56.87	57.75
180	0	54.90	55.80	56.70	57.60	58.50	59.40
185	0	⁵⁰ 56.42	57.35	⁵⁰ 58.27	59.20	⁵⁰ 60.12	61.00
190	0	57.95	58.90	59.85	60.80	61.75	62.70
195	0	⁵⁰ 59.47	60.45	⁵⁰ 61.42	62.40	⁵⁰ 63.37	64.35
£10		61.	62.	63.	64.	65.	66.
20		122.	124.	126.	128.	130.	132.
30		183.	186.	189.	192.	195.	198.
40		244.	248.	252.	256.	260.	264.

67½	70	72½	75	80	85	90	95
46.90	47.60	48.30	49.00	50.40	51.80	53.20	54.60
⁵⁰ 48.57	49.30	⁵⁰ 50.02	50.75	52.20	53.65	55.10	56.55
50.25	51.00	51.75	52.50	54.00	55.50	57.00	58.50
⁵⁰ 51.92	52.70	⁵⁰ 53.47	54.25	55.80	57.35	58.90	60.45
53.60	54.40	55.20	56.00	57.60	59.20	60.80	62.40
⁵⁰ 55.27	56.10	⁵⁰ 56.92	57.75	59.40	61.05	62.70	64.35
56.95	57.80	58.65	59.50	61.20	62.90	64.60	66.30
⁵⁰ 58.62	59.50	⁵⁰ 60.37	61.25	63.00	64.75	66.50	68.25
60.30	61.20	62.10	63.00	64.80	66.60	68.40	70.20
⁵⁰ 61.97	62.90	⁵⁰ 63.82	64.75	66.60	68.45	70.30	72.15
63.65	64.60	65.55	66.50	68.40	70.30	72.20	74.10
⁵⁰ 65.32	66.30	⁵⁰ 67.27	68.25	70.20	72.15	74.10	76.05
67.	68.	69.	70.	72.	74.	76.	78.
134.	136.	138.	140.	144.	148.	152.	156.
201.	204.	207.	210.	216.	222.	228.	234.
268.	272.	276.	280.	288.	296.	304.	312.

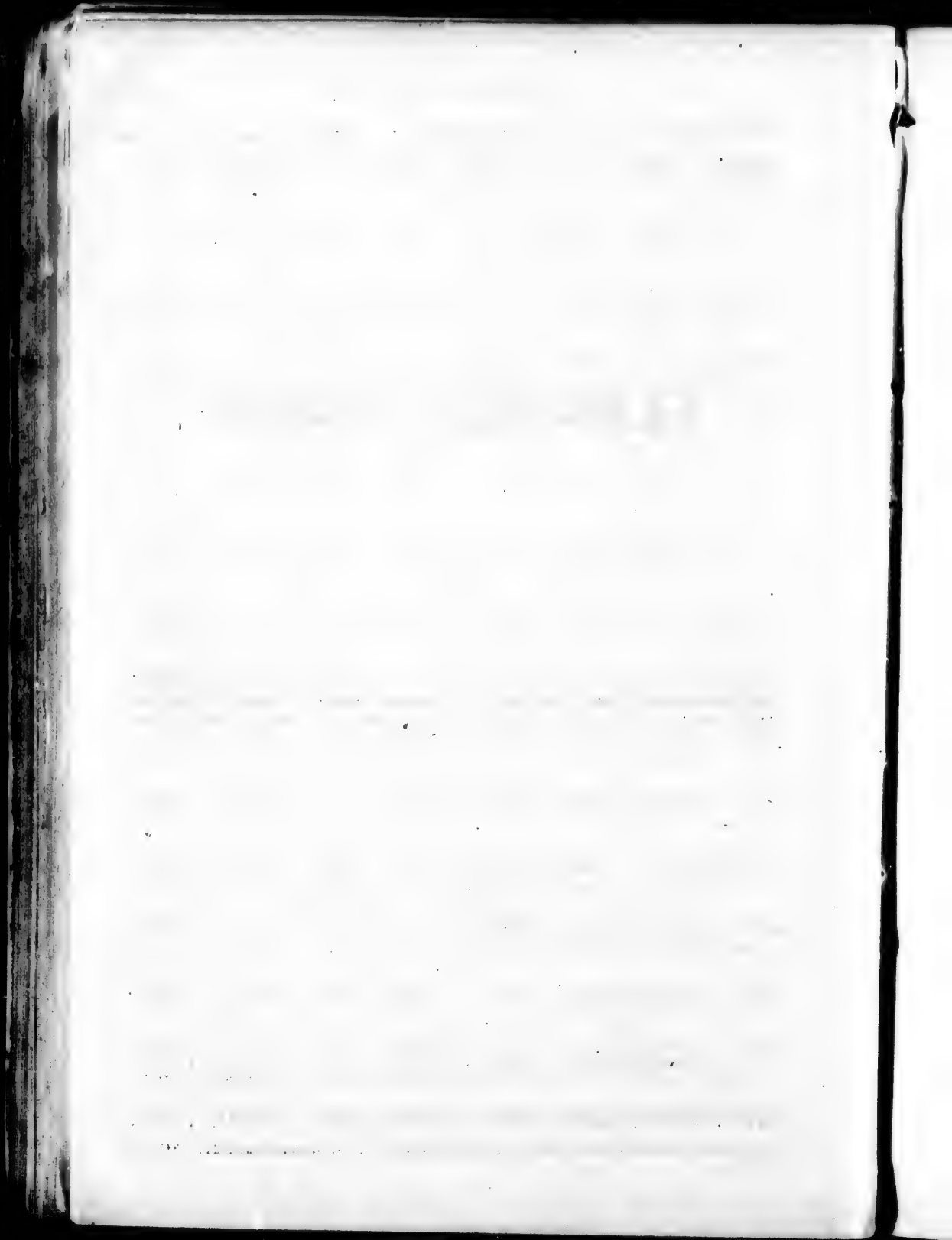
£	52½	55	57½	60	62½	65
50	305.	310.	315.	320.	325.	330.
60	366.	372.	378.	384.	390.	396.
70	427.	434.	441.	448.	455.	462.
80	488.	496.	504.	512.	520.	528.
90	549.	558.	567.	576.	585.	594.
100	610.	620.	630.	640.	650.	660.
200	1220.	1240.	1260.	1280.	1300.	1320.
300	1830.	1860.	1890.	1920.	1950.	1980.
400	2440.	2480.	2520.	2560.	2600.	2640.
500	3050.	3100.	3150.	3200.	3250.	3300.
600	3660.	3720.	3780.	3840.	3900.	3960.
700	4270.	4340.	4410.	4480.	4550.	4620.
800	4880.	4960.	5040.	5120.	5200.	5280.
900	5490.	5580.	5670.	5760.	5850.	5940.
1000	6100.	6200.	6300.	6400.	6500.	6600.

67½	70	72½	75	80	85	90	95
335.	340.	345.	350.	360.	370.	380.	390.
402.	408.	414.	420.	432.	444.	456.	468.
469.	476.	483.	490.	504.	518.	532.	546.
536.	544.	552.	560.	576.	592.	608.	624.
603.	612.	621.	630.	648.	666.	684.	702.
670.	680.	690.	700.	720.	740.	760.	780.
1340.	1360.	1380.	1400.	1440.	1480.	1520.	1560.
2010.	2040.	2070.	2100.	2160.	2220.	2280.	2340.
2680.	2720.	2760.	2800.	2880.	2960.	3040.	3120.
3350.	3400.	3450.	3500.	3600.	3700.	3800.	3900.
4020.	4080.	4140.	4200.	4320.	4440.	4560.	4680.
4690.	4760.	4830.	4900.	5040.	5180.	5320.	5460.
5360.	5440.	5520.	5600.	5760.	5920.	6080.	6240.
6030.	6120.	6210.	6300.	6480.	6660.	6840.	7020.
6700.	6800.	6900.	7000.	7200.	7400.	7600.	7800.





A vertical ruler with markings from 1.6 to 2.0. The markings are: 1.6, 1.8, 2.0, 2.2, 2.4, 2.6, 2.8, 3.0, 3.2, 3.4, 3.6, 3.8, 4.0, 4.2, 4.4, 4.6, 4.8, 5.0, 5.2, 5.4, 5.6, 5.8, 6.0, 6.2, 6.4, 6.6, 6.8, 7.0, 7.2, 7.4, 7.6, 7.8, 8.0, 8.2, 8.4, 8.6, 8.8, 9.0, 9.2, 9.4, 9.6, 9.8, 10.0.



FLANNEL TABLE

FROM

TWENTY TO ONE HUNDRED SHILLINGS.

PER PIECE OF FORTY-SIX YARDS.

46 yds.	Per yard.		52½	55	57½	60	62½
s.	s.	d.	⁹⁸	²¹	⁴⁴	⁶⁷	⁹⁰
21	0	5½	0.13	0.14	0.14	0.14	0.14
22	0	5¾	⁶¹ 0.14	⁸⁵ 0.14	⁰⁹ 0.15	⁸³ 0.15	⁵⁷ 0.15
23	0	6	²⁵ 0.15	⁵⁰ 0.15	⁷⁵ 0.15	0.16	²⁵ 0.16
24	0	6¼	⁸⁹ 0.15	¹⁵ 0.16	⁴¹ 0.16	⁻⁶⁷ 0.16	⁹³ 0.16
25	0	6½	⁵² 0.16	⁷⁹ 0.16	⁰⁸ 0.17	⁸³ 0.17	⁶⁰ 0.17
26	0	6¾	¹⁶ 0.17	⁴⁴ 0.17	⁷² 0.17	0.18	²⁸ 0.18
27	0	7	⁷⁹ 0.17	⁰⁸ 0.18	⁸⁷ 0.18	⁶⁷ 0.18	⁹⁹ 0.18
28	0	7¼	⁴⁸ 0.18	⁷⁸ 0.18	⁰⁸ 0.19	⁸⁸ 0.19	⁶⁴ 0.19
29	0	7½	⁸⁸ 0.19	⁷⁰ 0.19	⁰² 0.20	⁸⁸ 0.20	⁶⁵ 0.20
30	0	7¾	⁰² 0.20	⁸⁴ 0.20	⁶⁷ 0.20	0.21	⁸³ 0.21
31	0	8⅛	⁶⁵ 0.20	⁹⁹ 0.20	⁸³ 0.21	⁶⁷ 0.21	0.22
32	0	8¼	²⁹ 0.21	⁶⁴ 0.21	⁹⁸ 0.21	⁸⁸ 0.22	⁶⁸ 0.22
33	0	8½	⁹² 0.21	²⁸ 0.22	⁶⁴ 0.22	0.23	⁸⁶ 0.23
34	0	8¾	⁵⁶ 0.22	⁹³ 0.22	⁸⁰ 0.23	⁶⁷ 0.23	⁰⁴ 0.24
35	0	9⅛	¹⁹ 0.23	⁵⁷ 0.23	⁹⁵ 0.23	⁸³ 0.24	⁷¹ 0.24
36	0	9¼	⁸⁸ 0.23	²² 0.24	⁶¹ 0.24	0.25	⁸⁹ 0.25

65	67½	70	72½	75	80	85	90
¹² 0.15	³⁵ 0.15	⁵⁸ 0.15	⁸¹ 0.15	⁰⁴ 0.16	⁵⁰ 0.16	⁹⁶ 0.16	⁴² 0.17
⁸¹ 0.15	⁰⁵ 0.16	²⁹ 0.16	⁵³ 0.16	⁷⁷ 0.16	²⁵ 0.17	⁷³ 0.17	²¹ 0.18
⁵⁰ 0.16	⁷⁵ 0.16	²⁵ 0.17	⁵⁰ 0.17	⁵⁰ 0.17	⁵⁰ 0.18	⁵⁰ 0.18	⁵⁰ 0.19
¹⁹ 0.17	⁴⁵ 0.17	⁷¹ 0.17	⁹⁷ 0.17	²³ 0.18	⁷⁵ 0.18	²⁷ 0.19	⁷⁹ 0.19
⁸⁷ 0.17	¹⁵ 0.18	⁴² 0.18	⁶⁹ 0.18	⁹⁶ 0.18	⁵⁰ 0.19	⁰⁴ 0.20	⁵⁸ 0.20
⁵⁶ 0.18	⁸⁴ 0.18	¹² 0.19	⁴¹ 0.19	⁶⁹ 0.19	²⁵ 0.20	⁸¹ 0.20	⁸⁷ 0.21
²⁵ 0.19	⁵⁴ 0.19	⁸³ 0.19	¹² 0.20	⁴² 0.20	⁵⁸ 0.21	⁵⁸ 0.21	¹⁷ 0.22
⁹⁴ 0.19	²⁴ 0.20	⁵⁴ 0.20	⁸⁴ 0.20	¹⁵ 0.21	⁷⁵ 0.21	⁸⁵ 0.22	⁹⁸ 0.22
⁹⁷ 0.20	²⁹ 0.21	⁶⁰ 0.21	⁹² 0.21	²⁴ 0.22	⁸⁷ 0.22	⁵¹ 0.23	¹⁵ 0.24
⁶⁶ 0.21	⁹⁸ 0.21	³¹ 0.22	⁶⁴ 0.22	⁹⁷ 0.22	⁶² 0.23	²⁸ 0.24	⁹⁴ 0.24
³⁴ 0.22	⁶⁸ 0.22	⁰² 0.23	³⁶ 0.23	⁷⁰ 0.23	⁸⁷ 0.24	⁰⁵ 0.25	⁷³ 0.25
⁰³ 0.23	³⁸ 0.23	⁷³ 0.23	⁰⁸ 0.24	⁴³ 0.24	¹² 0.25	⁸² 0.25	⁵² 0.26
⁷² 0.23	⁰⁸ 0.24	⁴⁴ 0.24	⁸⁰ 0.24	¹⁶ 0.25	⁸⁷ 0.25	⁵⁹ 0.26	⁸¹ 0.27
⁴¹ 0.24	⁷⁸ 0.24	¹⁵ 0.25	⁵² 0.25	⁸⁹ 0.25	⁶² 0.26	³⁶ 0.27	¹⁰ 0.28
⁰⁹ 0.25	⁴⁷ 0.25	⁸⁵ 0.25	²³ 0.26	⁶¹ 0.26	⁸⁷ 0.27	¹⁴ 0.28	⁹⁰ 0.28
⁷⁸ 0.25	¹⁷ 0.26	⁵⁸ 0.26	⁹⁵ 0.26	³⁴ 0.27	¹² 0.28	⁹¹ 0.28	⁶⁹ 0.29

46 yds.	Per yard.		52½	55	57½	60	62½
s.	s.	d.	46	86	27	67	07
37	0	9½	0.24	0.24	0.25	0.25	0.26
38	0	9½	10	51	92	83	74
			0.25	0.25	0.25	0.26	0.26
39	0	10½	73	16	53		42
			0.25	0.26	0.26	0.27	0.27
40	0	10¾	37	80	23	67	10
			0.26	0.26	0.27	0.27	0.28
41	0	10¾	32	77	22	67	11
			0.27	0.27	0.28	0.28	0.29
42	0	11	96	42	87	83	79
			0.27	0.28	0.28	0.29	0.29
43	0	11½	59	06	53		47
			0.28	0.29	0.29	0.30	0.30
44	0	11½	23	71	19	67	15
			0.29	0.29	0.30	0.30	0.31
45	0	11¾	86	85	84	83	82
			0.29	0.30	0.30	0.31	0.31
46	1	0	50		50		50
			0.30	0.31	0.31	0.32	0.32
47	1	0¼	14	65	16	67	13
			0.31	0.31	0.32	0.32	0.33
48	1	0½	77	29	81	83	85
			0.31	0.32	0.32	0.33	0.33
49	1	0¾	41	94	47		53
			0.32	0.32	0.33	0.34	0.34
50	1	1	04	58	12	67	21
			0.33	0.33	0.34	0.34	0.35
51	1	1¼	68	23	78	83	89
			0.33	0.34	0.34	0.35	0.35
52	1	1½	63	20	77	33	90
			0.34	0.35	0.35	0.36	0.36

62½
⁶⁷ ₅ 0.26
⁸³ ₆ 0.26
⁴² ₇ 0.27
⁶⁷ ₇ 0.28
⁶⁷ ₈ 0.29
⁸³ ₉ 0.29
⁴⁷ ₃₀ 0.30
⁶⁷ ₃₀ 0.31
⁸³ ₃₁ 0.31
⁵⁰ ₃₂ 0.32
⁶⁷ ₃₂ 0.33
⁸³ ₃₃ 0.33
⁵³ ₃₄ 0.34
⁶⁷ ₃₄ 0.35
⁸³ ₃₅ 0.35
⁹⁰ ₃₆ 0.36

65	67½	70	72½	75	80	85	90
⁴⁷ _{0.26}	⁶⁷ _{0.26}	²⁷ _{0.27}	⁶⁷ _{0.27}	⁰⁷ _{0.28}	⁸⁷ _{0.28}	⁶⁸ _{0.29}	⁴⁸ _{0.30}
¹⁶ _{0.27}	⁵⁷ _{0.27}	⁹⁸ _{0.27}	⁸⁹ _{0.28}	⁸⁰ _{0.28}	⁶² _{0.29}	⁴⁵ _{0.30}	²⁷ _{0.31}
⁸⁴ _{0.27}	²⁷ _{0.28}	⁰⁹ _{0.28}	¹¹ _{0.29}	⁵³ _{0.29}	⁸⁷ _{0.30}	²² _{0.31}	⁰⁶ _{0.32}
⁵⁸ _{0.28}	⁹⁶ _{0.28}	⁴⁰ _{0.29}	⁸³ _{0.29}	²⁶ _{0.30}	¹² _{0.31}	⁹⁹ _{0.31}	⁸⁵ _{0.32}
⁵⁶ _{0.29}	⁰¹ _{0.30}	⁴⁶ _{0.30}	⁹¹ _{0.30}	³⁵ _{0.31}	²⁵ _{0.32}	¹⁵ _{0.33}	⁰⁴ _{0.34}
²⁵ _{0.30}	⁷¹ _{0.30}	¹⁷ _{0.31}	⁶² _{0.31}	⁰⁸ _{0.32}	⁹² _{0.33}	⁸³ _{0.33}	⁸³ _{0.34}
⁹⁴ _{0.30}	⁴¹ _{0.31}	⁸⁷ _{0.31}	³⁴ _{0.32}	⁸¹ _{0.32}	⁷⁵ _{0.33}	⁶⁹ _{0.34}	⁶² _{0.35}
⁶² _{0.31}	¹⁰ _{0.32}	⁵⁸ _{0.32}	⁰⁶ _{0.33}	⁵⁴ _{0.33}	⁵⁰ _{0.34}	⁴⁶ _{0.35}	⁴² _{0.36}
³¹ _{0.32}	⁸⁰ _{0.32}	²⁹ _{0.33}	⁷⁸ _{0.33}	²⁷ _{0.34}	²⁵ _{0.35}	²³ _{0.36}	²¹ _{0.37}
⁵⁰ _{0.33}	⁵⁰ _{0.33}	⁵⁰ _{0.34}	⁵⁰ _{0.34}	⁵⁰ _{0.35}	⁵⁰ _{0.36}	⁵⁰ _{0.37}	⁵⁰ _{0.38}
⁶⁹ _{0.33}	²⁰ _{0.34}	⁷¹ _{0.34}	²² _{0.35}	⁷³ _{0.35}	⁷⁵ _{0.36}	⁷⁷ _{0.37}	⁷⁹ _{0.38}
⁸⁷ _{0.34}	⁹⁰ _{0.34}	⁴² _{0.35}	⁹⁴ _{0.35}	⁴⁶ _{0.36}	⁵⁰ _{0.37}	⁵⁴ _{0.38}	⁵⁸ _{0.39}
⁰⁶ _{0.35}	⁵⁹ _{0.35}	¹² _{0.36}	⁶⁶ _{0.36}	¹⁹ _{0.37}	²⁵ _{0.38}	⁸¹ _{0.39}	³⁷ _{0.40}
⁷⁵ _{0.35}	²⁹ _{0.36}	⁸⁹ _{0.36}	⁸⁷ _{0.37}	⁹² _{0.37}	⁹² _{0.39}	⁰⁸ _{0.40}	¹⁷ _{0.41}
⁴⁴ _{0.36}	⁹⁹ _{0.36}	⁵⁴ _{0.37}	⁰⁹ _{0.38}	⁶⁵ _{0.38}	⁷⁵ _{0.39}	⁸⁵ _{0.40}	⁹⁶ _{0.41}
⁴⁷ _{0.37}	⁰⁴ _{0.38}	⁶⁰ _{0.38}	¹⁷ _{0.39}	⁷⁴ _{0.39}	⁸⁷ _{0.40}	⁰¹ _{0.42}	¹⁵ _{0.43}

46 yds.	Per yard.		52½	55	57½	60	62½
s.	s.	d.	²⁷	⁸⁴	⁴²		⁵⁸
53	1	1 7/8	0.35	0.35	0.36	0.37	0.37
54	1	2 1/8	⁹⁰ 0.35	⁴⁰ 0.36	⁰⁸ 0.37	⁶⁷ 0.37	²⁶ 0.38
55	1	2 3/8	⁶⁴ 0.36	¹⁴ 0.37	⁷⁹ 0.37	⁸³ 0.38	⁹³ 0.38
56	1	2 5/8	¹⁷ 0.37	⁷⁸ 0.37	⁸⁹ 0.38	0.39	⁶¹ 0.39
57	1	2 7/8	⁸¹ 0.37	⁴³ 0.38	⁰⁵ 0.39	⁶⁷ 0.39	²⁹ 0.40
58	1	3 1/8	⁴⁴ 0.38	⁰⁷ 0.39	⁷⁰ 0.39	²³ 0.40	⁹⁶ 0.40
59	1	3 3/8	⁰⁸ 0.39	⁷² 0.39	⁸⁶ 0.40	0.41	⁰⁴ 0.41
60	1	3 5/8	⁷¹ 0.39	³³ 0.40	⁰² 0.41	⁶⁷ 0.41	³² 0.42
61	1	3 7/8	⁸⁵ 0.40	⁰¹ 0.41	⁶⁷ 0.41	⁸³ 0.42	0.43
62	1	4 1/8	⁹⁸ 0.40	⁶⁶ 0.41	⁸³ 0.42	0.43	⁶⁷ 0.43
63	1	4 3/8	⁶² 0.41	³⁰ 0.42	⁹⁸ 0.42	⁶⁷ 0.43	³⁵ 0.44
64	1	4 5/8	⁵⁷ 0.42	²⁷ 0.43	⁹⁷ 0.43	⁶⁷ 0.44	³⁶ 0.45
65	1	5	²¹ 0.43	⁹² 0.43	⁶² 0.44	³³ 0.45	⁰⁴ 0.46
66	1	5 1/4	⁸⁴ 0.43	⁵⁶ 0.44	²⁸ 0.45	0.46	⁷² 0.46
67	1	5 1/2	⁴⁹ 0.44	²¹ 0.45	⁹⁴ 0.45	⁶⁷ 0.46	⁴⁰ 0.47
68	1	5 3/4	¹¹ 0.45	⁸⁵ 0.45	⁵⁹ 0.46	⁸³ 0.47	⁰⁷ 0.48

62½	65	67½	70	72½	75	80	85	90
⁵⁸ 0.37	¹⁶ 0.38	⁷³ 0.38	⁸¹ 0.39	⁸⁹ 0.39	⁴⁷ 0.40	⁶² 0.41	⁷⁸ 0.42	⁹⁴ 0.43
²⁶ 0.38	⁸⁴ 0.38	⁴³ 0.39	⁰² 0.40	⁶¹ 0.40	²⁰ 0.41	⁸⁷ 0.42	⁵⁵ 0.43	⁷⁹ 0.44
⁹³ 0.38	⁵³ 0.39	¹³ 0.40	⁷³ 0.40	³³ 0.41	⁹³ 0.41	¹² 0.43	⁸² 0.44	⁵² 0.45
⁶¹ 0.39	²² 0.40	⁸³ 0.40	⁴⁴ 0.41	⁰⁵ 0.42	⁶⁴ 0.42	⁸⁷ 0.43	⁰⁹ 0.45	²¹ 0.46
²⁹ 0.40	⁹¹ 0.40	⁵³ 0.41	¹⁵ 0.42	⁷⁷ 0.42	³⁹ 0.43	⁶² 0.44	⁸⁶ 0.45	¹⁰ 0.47
⁹⁶ 0.40	⁵⁰ 0.41	²² 0.42	⁸⁵ 0.42	⁴⁸ 0.43	¹¹ 0.44	⁸⁷ 0.45	⁶⁴ 0.46	²⁰ 0.47
⁰⁴ 0.41	²⁸ 0.42	⁹² 0.42	⁵⁶ 0.43	²⁰ 0.44	⁸⁴ 0.44	¹² 0.46	⁴¹ 0.47	⁶⁹ 0.48
³² 0.42	⁹⁷ 0.42	⁶² 0.43	²⁷ 0.44	⁹² 0.44	⁵⁷ 0.45	⁸⁷ 0.46	¹⁸ 0.48	³⁸ 0.49
² 0.43	⁶⁶ 0.43	³² 0.44	⁹⁸ 0.44	⁶⁴ 0.45	⁸⁰ 0.46	⁶² 0.47	⁹⁶ 0.48	²⁷ 0.50
⁶⁷ 0.43	⁸⁴ 0.44	⁰² 0.45	⁶⁹ 0.45	³⁶ 0.46	⁰³ 0.47	⁸⁷ 0.48	⁷² 0.49	¹⁶ 0.51
³⁵ 0.44	⁰³ 0.45	⁷¹ 0.45	⁴⁰ 0.46	⁰⁸ 0.47	⁷⁶ 0.47	¹² 0.49	⁴⁹ 0.50	³⁵ 0.51
³⁰ 0.45	⁰⁶ 0.46	⁷⁶ 0.46	⁴⁶ 0.47	¹⁶ 0.48	⁸⁵ 0.48	²⁵ 0.50	⁶⁵ 0.51	⁰⁴ 0.53
⁰⁴ 0.46	⁷⁵ 0.46	⁴⁶ 0.47	¹⁷ 0.48	⁸⁷ 0.48	⁵⁸ 0.49	⁴² 0.51	²² 0.52	⁸³ 0.53
⁷² 0.46	⁴⁴ 0.47	¹⁶ 0.48	⁸⁷ 0.48	⁵⁹ 0.49	⁸¹ 0.50	⁷⁵ 0.51	¹⁹ 0.53	⁶² 0.54
⁴⁰ 0.47	¹² 0.48	⁸⁵ 0.48	⁵⁸ 0.49	³¹ 0.50	⁰⁴ 0.51	⁵⁰ 0.52	⁹⁶ 0.53	²² 0.55
⁰⁷ 0.48	⁸¹ 0.48	⁵⁵ 0.49	²⁹ 0.50	⁰³ 0.51	⁷⁷ 0.51	²⁵ 0.53	⁷⁸ 0.54	²¹ 0.56

16 yds.	Per yard.		52½	55	57½	60	62½
69	^{s.} 1	^{d.} 6	⁷⁵ 0.45	⁸⁰ 0.46	²⁵ 0.47	0.48	⁷⁵ 0.48
70	1	6½	⁸⁰ 0.46	¹⁵ 0.47	⁹¹ 0.47	⁶⁷ 0.48	⁴⁹ 0.49
71	1	6½	⁰² 0.47	⁷⁰ 0.47	⁵³ 0.48	⁸³ 0.49	¹⁰ 0.50
72	1	6½	⁶⁰ 0.47	⁴⁴ 0.48	²² 0.49	0.50	⁷⁸ 0.50
73	1	7	²⁰ 0.48	⁰⁸ 0.49	⁸⁷ 0.49	⁶⁷ 0.50	⁴⁶ 0.51
74	1	7½	⁸⁹ 0.48	⁷³ 0.49	⁵³ 0.50	⁸³ 0.51	¹⁴ 0.52
75	1	7½	⁸⁸ 0.49	⁷⁰ 0.50	⁶² 0.51	⁸³ 0.52	¹⁵ 0.53
76	1	7½	⁵² 0.50	³⁴ 0.51	¹⁷ 0.52	0.53	⁸³ 0.53
77	1	8½	¹⁵ 0.51	⁹⁰ 0.51	⁸³ 0.52	⁶⁷ 0.53	⁵¹ 0.54
78	1	8½	⁷⁹ 0.51	⁶⁴ 0.52	⁴⁸ 0.53	⁸³ 0.54	¹⁸ 0.55
79	1	8½	⁴² 0.52	²⁸ 0.53	¹⁴ 0.54	0.55	⁸⁶ 0.55
80	1	8½	⁰⁶ 0.53	⁹³ 0.53	⁸⁰ 0.54	⁶⁷ 0.55	⁵⁴ 0.56
81	1	9½	⁶⁹ 0.53	⁵⁷ 0.54	⁴⁵ 0.55	⁸³ 0.56	²¹ 0.57
82	1	9½	⁸³ 0.54	²² 0.55	¹¹ 0.56	0.57	⁸⁹ 0.57
83	1	9½	⁸⁶ 0.54	⁸⁶ 0.55	⁷⁷ 0.56	⁶⁷ 0.57	⁵⁷ 0.58
84	1	9½	⁶⁰ 0.55	⁵¹ 0.56	⁴² 0.57	⁸³ 0.58	²⁴ 0.59

62 $\frac{1}{2}$	65	67 $\frac{1}{2}$	70	72 $\frac{1}{2}$	75	80	85	89
⁷⁵ 0.48	⁵⁰ 0.49	²⁵ 0.50	⁷⁵ 0.51	⁵⁰ 0.51	²⁵ 0.52	⁷⁵ 0.54	⁵⁰ 0.55	²⁵ 0.57
⁴⁹ 0.49	¹⁹ 0.50	⁹⁵ 0.50	⁷¹ 0.51	⁴⁷ 0.52	²³ 0.53	⁷⁵ 0.54	²⁷ 0.56	⁷³ 0.57
¹⁰ 0.50	⁸⁷ 0.50	⁶⁵ 0.51	⁴² 0.52	¹⁵ 0.53	⁹⁰ 0.53	⁵⁰ 0.55	⁰⁴ 0.57	⁵⁸ 0.58
⁷⁹ 0.50	⁵⁶ 0.51	³⁴ 0.52	¹² 0.53	⁹¹ 0.53	⁶⁰ 0.54	²⁵ 0.56	⁸¹ 0.57	⁵⁷ 0.58
⁴⁶ 0.51	²⁵ 0.52	⁰⁴ 0.53	⁸³ 0.53	⁶² 0.54	⁴² 0.55	⁵⁸ 0.57	⁵⁸ 0.58	¹⁷ 0.60
¹⁴ 0.52	⁹⁴ 0.52	⁷⁴ 0.53	⁵⁴ 0.54	³⁴ 0.55	¹⁵ 0.56	⁷⁵ 0.57	⁸⁵ 0.59	⁵⁹ 0.60
¹⁵ 0.53	⁹⁷ 0.53	⁷⁹ 0.54	⁶⁰ 0.55	⁴² 0.56	²⁴ 0.57	⁸⁷ 0.58	⁵¹ 0.60	¹⁶ 0.62
⁸² 0.53	⁶⁶ 0.54	⁴⁸ 0.55	³¹ 0.56	¹⁴ 0.57	⁹⁷ 0.57	⁶² 0.59	²⁸ 0.61	²⁴ 0.62
⁵¹ 0.54	³⁴ 0.55	¹⁸ 0.56	⁰² 0.57	⁸⁹ 0.57	⁷⁰ 0.58	⁸⁷ 0.60	⁰⁵ 0.62	⁷³ 0.63
¹⁸ 0.55	⁰³ 0.56	⁸⁸ 0.56	⁷⁸ 0.57	⁵⁸ 0.58	⁴³ 0.59	¹² 0.61	⁸² 0.62	⁵⁹ 0.64
⁸⁵ 0.55	⁷² 0.56	⁵⁹ 0.57	⁴⁴ 0.58	³⁰ 0.59	¹⁶ 0.60	⁸⁷ 0.61	⁵⁹ 0.63	³¹ 0.65
⁵⁴ 0.56	⁴¹ 0.57	²⁸ 0.58	¹⁵ 0.59	⁰² 0.60	⁸⁹ 0.60	⁶² 0.62	³⁶ 0.64	¹⁹ 0.66
²¹ 0.57	⁰⁹ 0.58	⁹⁷ 0.58	⁸⁵ 0.59	⁷³ 0.60	⁶¹ 0.61	⁸⁷ 0.63	¹⁴ 0.65	⁹⁰ 0.66
⁸⁹ 0.57	⁷⁸ 0.58	⁶⁷ 0.59	⁵⁶ 0.60	⁴⁵ 0.61	³⁴ 0.62	¹² 0.64	⁹¹ 0.65	⁷⁹ 0.67
⁵⁷ 0.58	⁴⁷ 0.59	³⁷ 0.60	²⁷ 0.61	¹⁷ 0.62	⁰⁷ 0.63	⁸⁷ 0.64	⁶⁸ 0.66	⁴³ 0.68
²⁴ 0.59	¹⁶ 0.60	⁰⁷ 0.61	⁹⁶ 0.61	⁸⁹ 0.62	⁸⁰ 0.63	⁶³ 0.65	⁴⁵ 0.67	²⁷ 0.69

48 yds.	Per yard.	52 $\frac{1}{2}$	55	57 $\frac{1}{2}$	60	62 $\frac{1}{2}$
85	1 10$\frac{1}{8}$	²³ 0.56	¹⁶ 0.57	⁰⁹ 0.58	0.59	⁹³ 0.59
86	1 10$\frac{1}{8}$	⁸⁷ 0.56	⁸⁰ 0.57	⁷³ 0.58	⁶⁷ 0.59	⁶⁰ 0.60
87	1 10$\frac{1}{4}$	⁸² 0.57	⁷⁷ 0.58	⁷² 0.59	⁶⁷ 0.60	⁶¹ 0.61
88	1 11	⁴⁰ 0.58	⁴² 0.59	³⁷ 0.60	³³ 0.61	²⁹ 0.62
89	1 11$\frac{1}{2}$	⁰⁹ 0.59	⁰⁶ 0.60	⁰³ 0.61	0.62	⁹⁷ 0.62
90	1 11$\frac{1}{2}$	⁷³ 0.59	⁷¹ 0.60	⁶⁹ 0.61	⁶⁷ 0.62	⁶⁵ 0.63
91	1 11$\frac{1}{2}$	³⁶ 0.60	³⁵ 0.61	³⁴ 0.62	³³ 0.63	³² 0.64
92	2 0	0.61	0.62	0.63	0.64	0.65
93	2 0$\frac{1}{2}$	⁶⁴ 0.61	⁶⁵ 0.62	⁶⁶ 0.63	⁶⁷ 0.64	⁶⁸ 0.65
94	2 0$\frac{1}{2}$	²⁷ 0.62	²⁹ 0.63	³¹ 0.64	³³ 0.65	³⁵ 0.66
95	2 0$\frac{1}{2}$	⁹¹ 0.62	⁹⁴ 0.63	⁹⁷ 0.64	0.66	⁰⁹ 0.67
96	2 1	⁵⁴ 0.63	⁵⁹ 0.64	⁶³ 0.65	⁶⁷ 0.66	⁷¹ 0.67
97	2 1$\frac{1}{2}$	¹⁸ 0.64	²³ 0.65	²⁸ 0.66	³³ 0.67	³⁸ 0.68
98	2 1$\frac{1}{2}$	¹³ 0.65	²⁰ 0.66	²⁷ 0.67	³³ 0.68	⁴⁰ 0.69
99	2 1$\frac{7}{8}$	⁷⁷ 0.65	⁸⁴ 0.66	⁹² 0.67	0.69	⁰⁸ 0.70
100	2 2$\frac{1}{8}$	⁴⁰ 0.66	⁴⁹ 0.67	⁵⁸ 0.68	⁶⁷ 0.69	⁷⁶ 0.70

62½	65	67½	70	72½	75	80	85	90
⁹² 0.59	⁸⁴ 0.60	⁷⁷ 0.61	⁶⁹ 0.62	⁶¹ 0.63	⁵³ 0.64	⁸⁷ 0.66	²¹ 0.68	⁰⁸ 0.70
⁶⁰ 0.60	⁵⁸ 0.61	⁴⁰ 0.62	⁴⁰ 0.63	³³ 0.64	²⁶ 0.65	¹² 0.67	⁹⁹ 0.68	⁸⁵ 0.70
⁶¹ 0.61	⁵⁶ 0.62	⁵¹ 0.63	⁴⁶ 0.64	⁴¹ 0.65	³⁵ 0.66	²⁵ 0.68	¹⁵ 0.70	⁰⁴ 0.72
²⁹ 0.62	²⁵ 0.63	²¹ 0.64	¹⁷ 0.65	¹² 0.66	⁰⁸ 0.67	⁹² 0.69	⁸² 0.70	⁸⁸ 0.72
⁹⁷ 0.62	⁹⁴ 0.63	⁹¹ 0.64	⁸⁷ 0.65	⁸⁴ 0.66	⁸¹ 0.67	⁷⁵ 0.69	⁶⁹ 0.71	⁶² 0.73
⁶⁴ 0.63	⁶³ 0.64	⁶⁰ 0.65	⁵⁸ 0.66	⁵⁶ 0.67	⁵⁴ 0.68	⁵⁰ 0.70	⁴⁶ 0.72	⁴² 0.74
²² 0.64	²¹ 0.65	²⁰ 0.66	²⁹ 0.67	²⁸ 0.68	²⁷ 0.69	²⁵ 0.71	²³ 0.73	²¹ 0.75
0.65	0.66	0.67	0.68	0.69	0.70	0.72	0.74	0.76
⁶⁸ 0.65	⁶⁹ 0.66	⁷⁰ 0.67	⁷¹ 0.68	⁷² 0.69	⁷³ 0.70	⁷⁵ 0.72	⁷⁷ 0.74	⁷⁹ 0.76
³⁵ 0.66	³⁷ 0.67	⁴⁰ 0.68	⁴² 0.69	⁴⁴ 0.70	⁴⁶ 0.71	⁵⁰ 0.73	⁵⁴ 0.75	⁵⁸ 0.77
⁰⁹ 0.67	⁰⁶ 0.68	⁰⁹ 0.69	¹² 0.70	¹⁶ 0.71	¹⁹ 0.72	²⁵ 0.74	³¹ 0.76	³⁷ 0.78
⁷² 0.67	⁷⁵ 0.68	⁷⁹ 0.69	⁸² 0.70	⁸⁷ 0.71	⁹² 0.72	⁹⁸ 0.75	⁰⁶ 0.77	¹⁷ 0.79
³⁹ 0.68	⁴⁴ 0.69	⁴⁹ 0.70	⁵⁴ 0.71	⁵⁹ 0.72	⁶⁵ 0.73	⁷⁵ 0.75	⁸⁵ 0.77	⁹⁶ 0.79
⁴⁰ 0.69	⁴⁷ 0.70	⁵⁴ 0.71	⁶⁰ 0.72	⁶⁷ 0.73	⁷⁴ 0.74	⁸⁷ 0.76	⁰¹ 0.79	¹⁶ 0.81
⁰⁸ 0.70	¹⁶ 0.71	²³ 0.72	³¹ 0.73	³⁹ 0.74	⁴⁷ 0.75	⁶² 0.77	⁷⁸ 0.79	⁹⁴ 0.81
⁷⁸ 0.70	⁸⁴ 0.71	⁸⁸ 0.72	⁹² 0.74	¹¹ 0.75	²⁰ 0.76	³⁷ 0.78	⁵⁵ 0.80	⁷³ 0.82

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2		
4	40	
6		80
8		
10		
12	50	
14		
16		90
18	60	
20		
24		
30	70	100

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